GreenSturgeonCHBypassAreas.shp.xml


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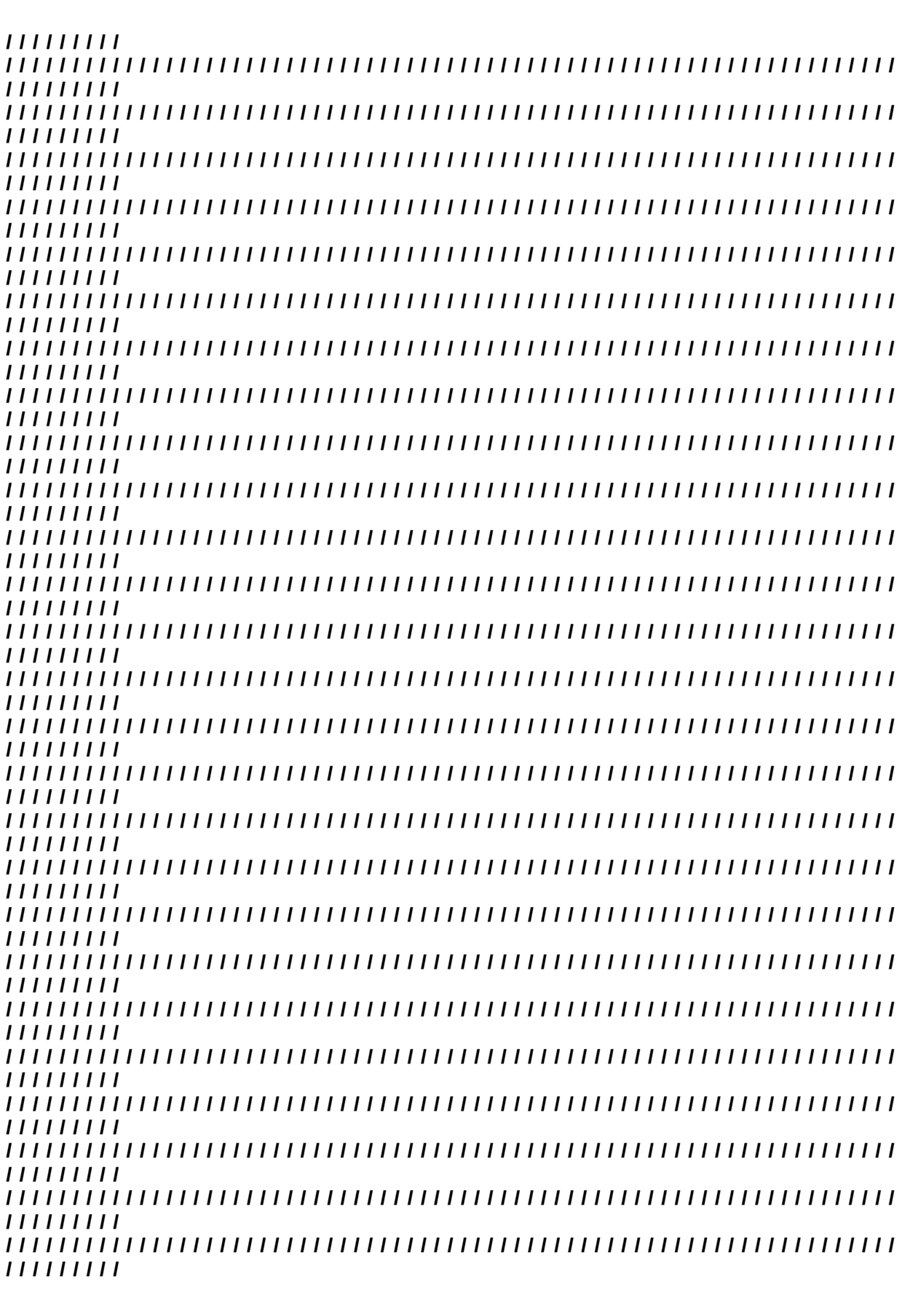

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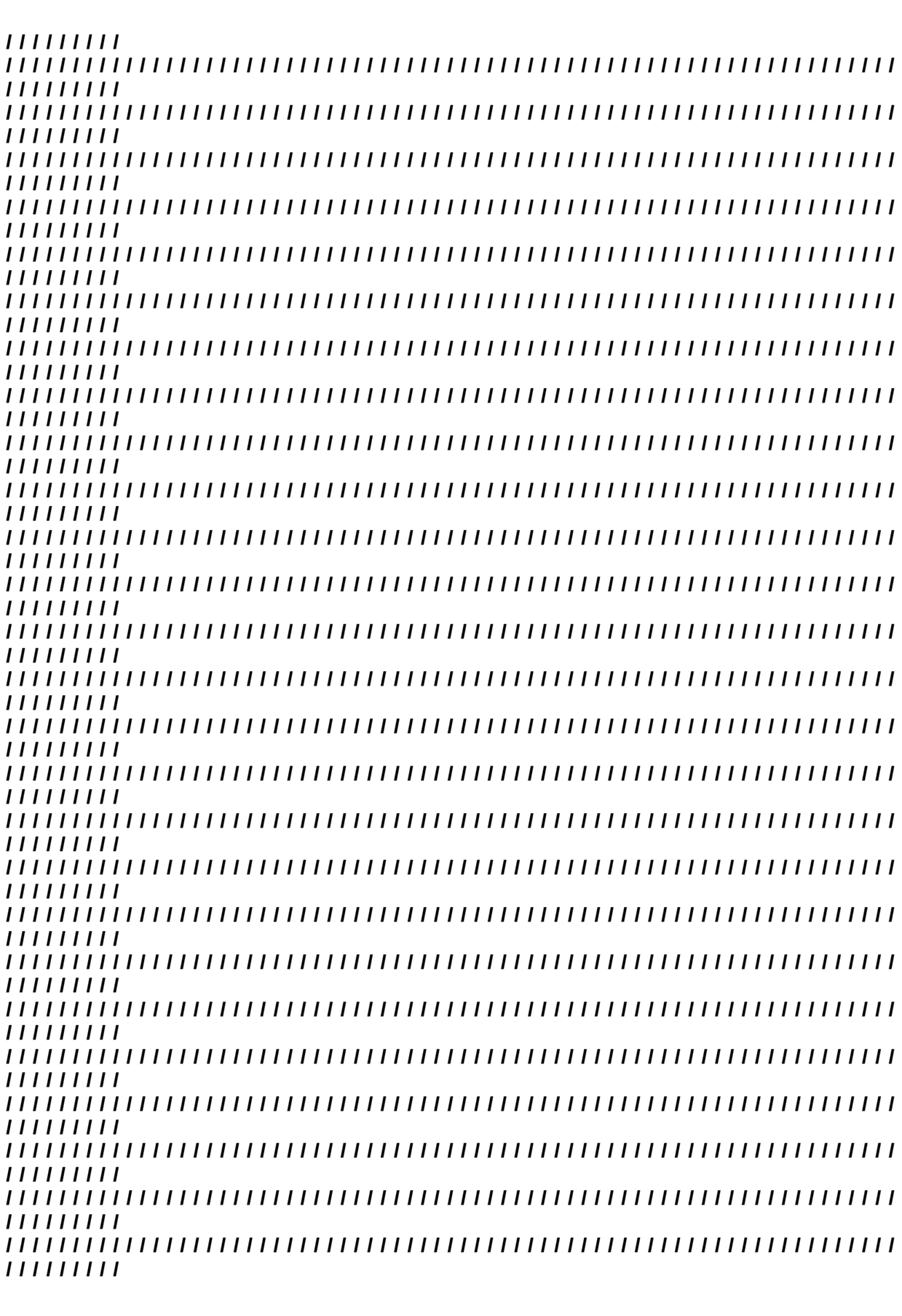

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</Binary>
</metadata>
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GreenSturgeonCHDepartmentofDefense.shp.xml

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  <!DOCTYPE metadata (View Source for full doctype...)>
- <metadata>
- <idinfo>
- <citation>
- <citeinfo>
  <origin>National Oceanic and Atomospheric Administration - National Marine
    Fisheries Service</origin>
  <pubdate>October 5th, 2009</pubdate>
  <title>Southern DPS Green Sturgeon Critical Habitat - Department of Defense
    Exclusions</title>
  <edition>Final Critical Habitat Designation for Southern ESU Green Sturgeon</edition>
  <geoform Sync="TRUE">vector digital data</geoform>
  <othercit>Data Developed through a collaboration of NMFS Southwest (SWR) and
    Northwest Regions (NWR) Charleen Gavette SWR (ed.) Steve Stone NWR (ed.)
    Mathew Dorsey SWR (ed.) (comp.) Doug Chow SWR (ed.)</othercit>
  <onlink
    Sync="TRUE">\\Fswr05\LBGISdata\Shapes\PacificCoast\Fish\GreenSturgeon\Gr
    eenSturgeonFinalCH\DepartmentofDefense.shp</onlink>
  <ftname Sync="TRUE">DepartmentofDefense</ftname>
  </citeinfo>
  </citation>
- <descript>
  <abstract>This data set depicts areas excluded from the final Green Sturgeon Critical
    Habitat Designation after careful review and dialogue with members of the Army
    and Navy as a result of comments recieved on the proposed rule during the public
    comment period. These data were created through the input of coordinates
    representing areas to be excluded that were provided by the Department of
    Defense.</abstract>
  <purpose>The purpose of this data set is to provide the general location of
    Department of Defense areas considered for designation (but excluded) as ESA
    critical habitat for Southern DPS green sturgeon based on impacts to national
    security (see the final rule Federal Register notice). The data DO NOT constitute a
    legal description of critical habitat exclusions (which can be found in the agency's
    Federal Register notice describing the critical habitat designation - see 74 FR
    52300, October 9, 2009).</purpose>
  <supplinf>This GIS file should be used in conjunction with the other Green Sturgeon
    Critical Habitat GIS files showing Estuaries, Marsh Areas, Marine Coastal Zones,
    Bypass Areas, Streams and Tribal Exclusions.</supplinf>
  <langdata Sync="TRUE">en</langdata>
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- <timeperd>
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- <sngdate>
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- <keywords>
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- <place>
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  <placekey>West Coast</placekey>
  <placekey>United States</placekey>
  <placekey>California</placekey>
  <placekey>Washington</placekey>
  <placekey>Oregon</placekey>
    </place>
    </keywords>
  <accconst>To ensure an individual or an agency is using the most current and
    accurate representation of the Green Sturgeon Critical Habitat Designation and
    exclusionary GIS data, a request should be made directly to the National Oceanic
    and Atmospheric Administration (NOAA), National Marine Fisheries Service
    (NMFS), South or Northwest Regions</accconst>
```

```
  <useconst>The purpose of this data set is to provide a general basemap for the
    general location of Department of Defense areas excluded from the Endangered
    Species Act (ESA) critical habitat for the threatened Southern Distinct Population
    Segment of North American Green Sturgeon. The data DO NOT constitute a legal
    description of exclusion (which can be found in the agency's Federal Register
    notice describing the designation - (50 CFR Part 226 Page 52300, October 13,
    2009).</useconst>
- <ptcontac>
- <cntinfo>
- <cntperp>
  <cntper>Mathew Dorsey</cntper>
  <cntorg>NOAA Fisheries</cntorg>
    </cntperp>
  <cntpos>GIS Specialist</cntpos>
  <cntvoice>562-983-1390</cntvoice>
  <cntemail>mathew.dorsey@noaa.gov</cntemail>
    </cntinfo>
    </ptcontac>
  <native Sync="TRUE">Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 3;
    ESRI ArcCatalog 9.3.1.3000</native>
  <natvform Sync="TRUE">Shapefile</natvform>
  <datacred>NOAA Fisheries, Northwest Region, Protected Resources Division,
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    Long Beach CA</datacred>
    </idinfo>
- <dataqual>
- <lineage>
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- <ptvctinf>
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  <sdtstype Sync="TRUE">G-polygon</sdtstype>
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    </sdtsterm>
- <esriterm Name="DepartmentofDefense">
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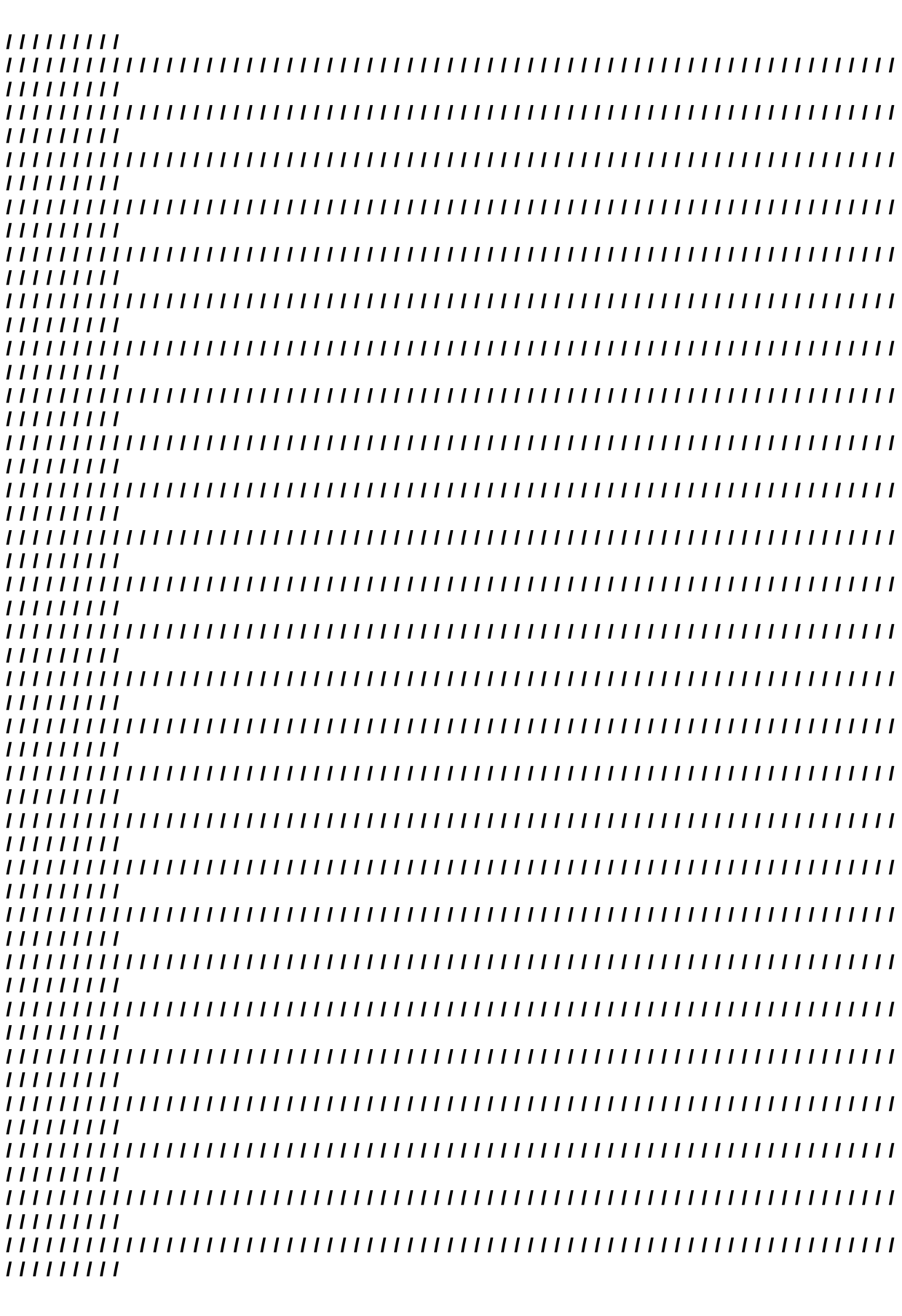

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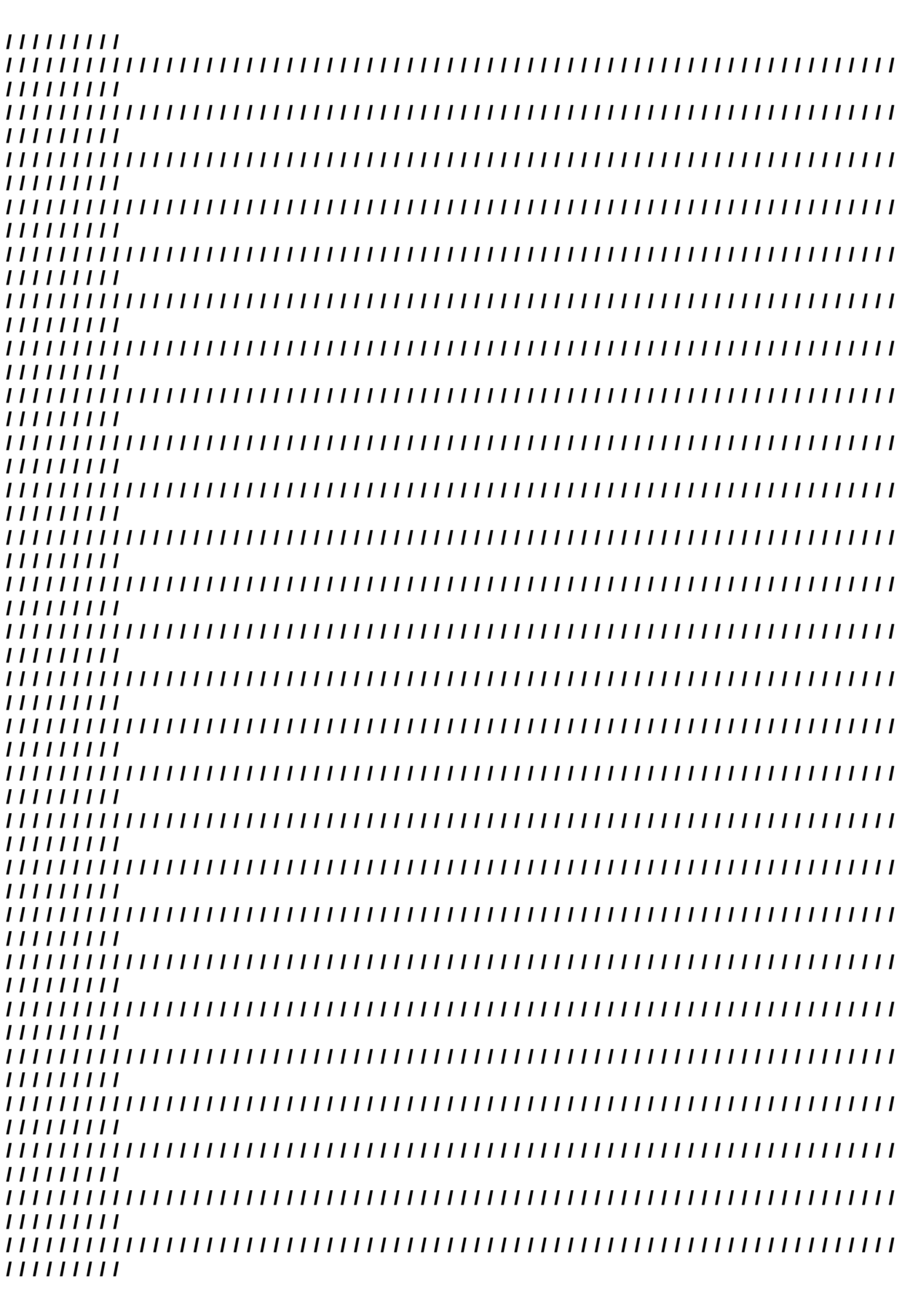

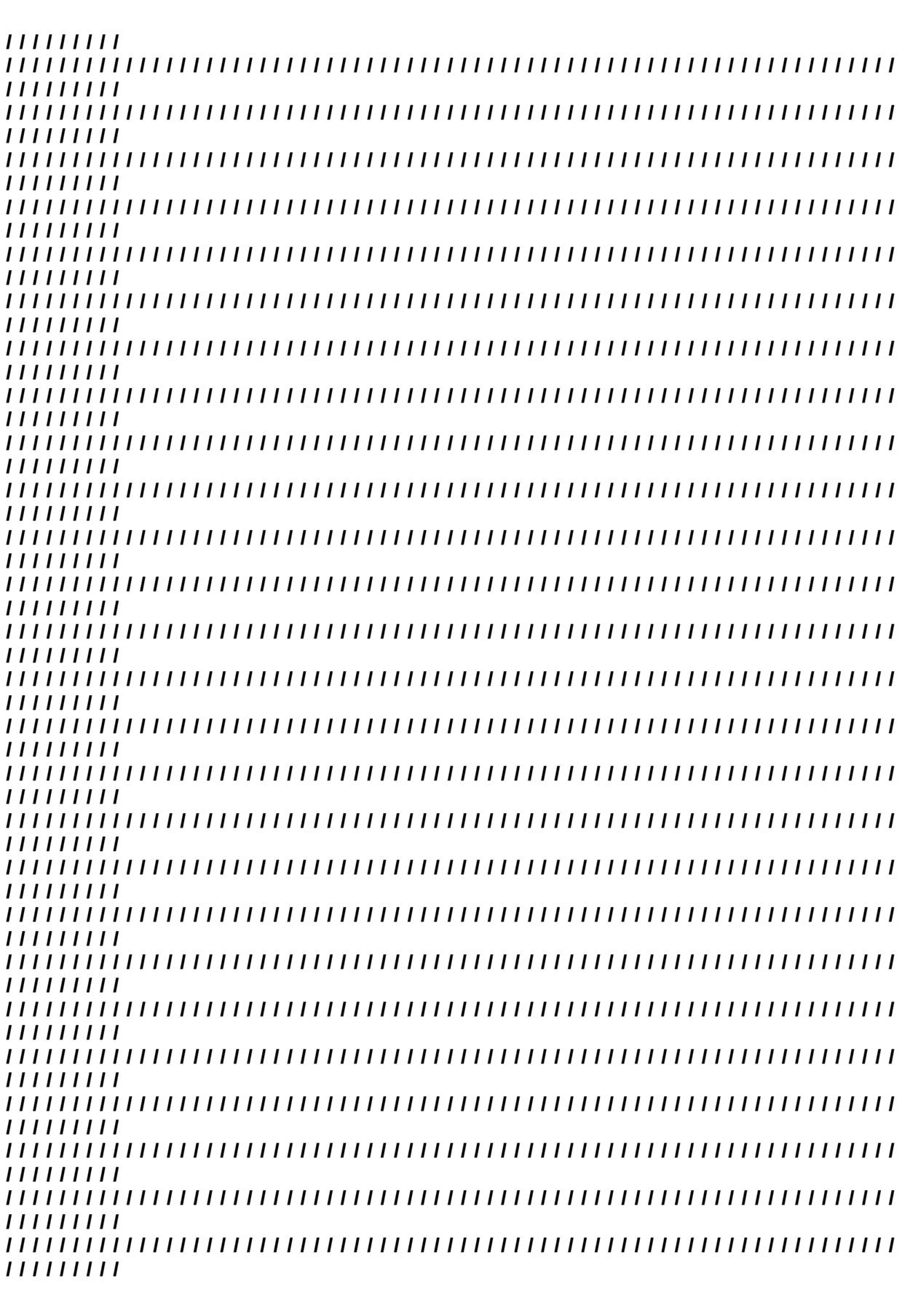

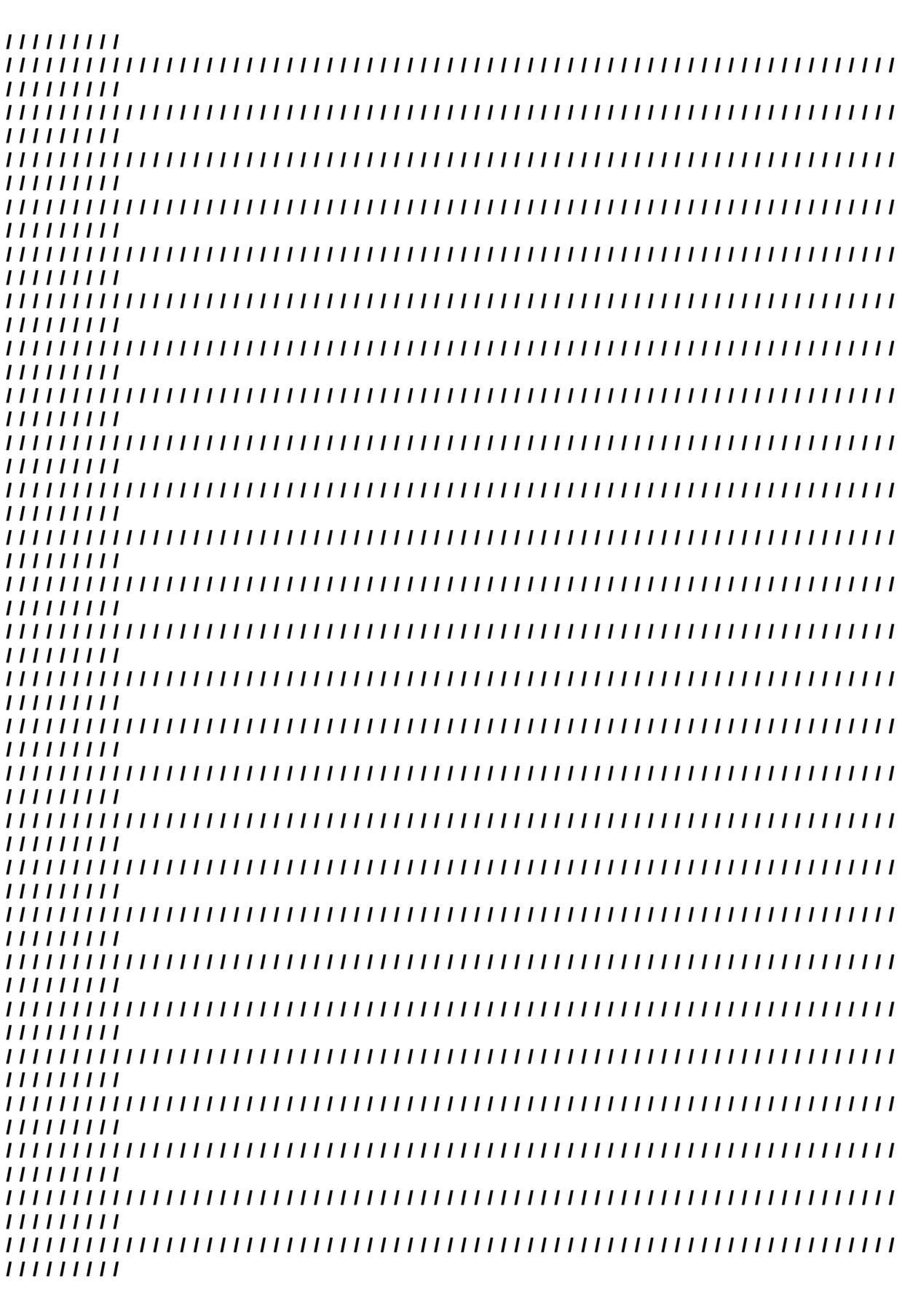

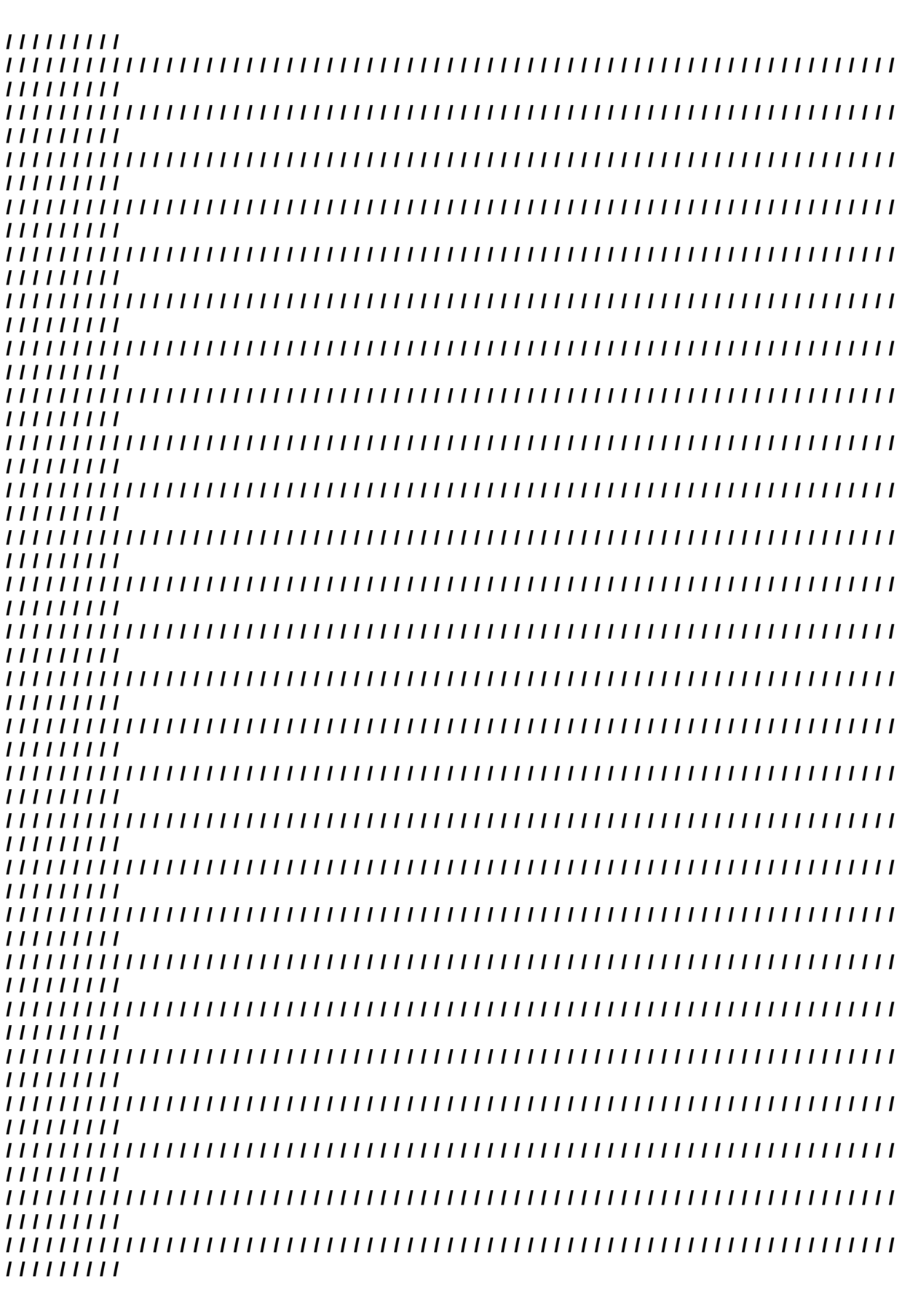

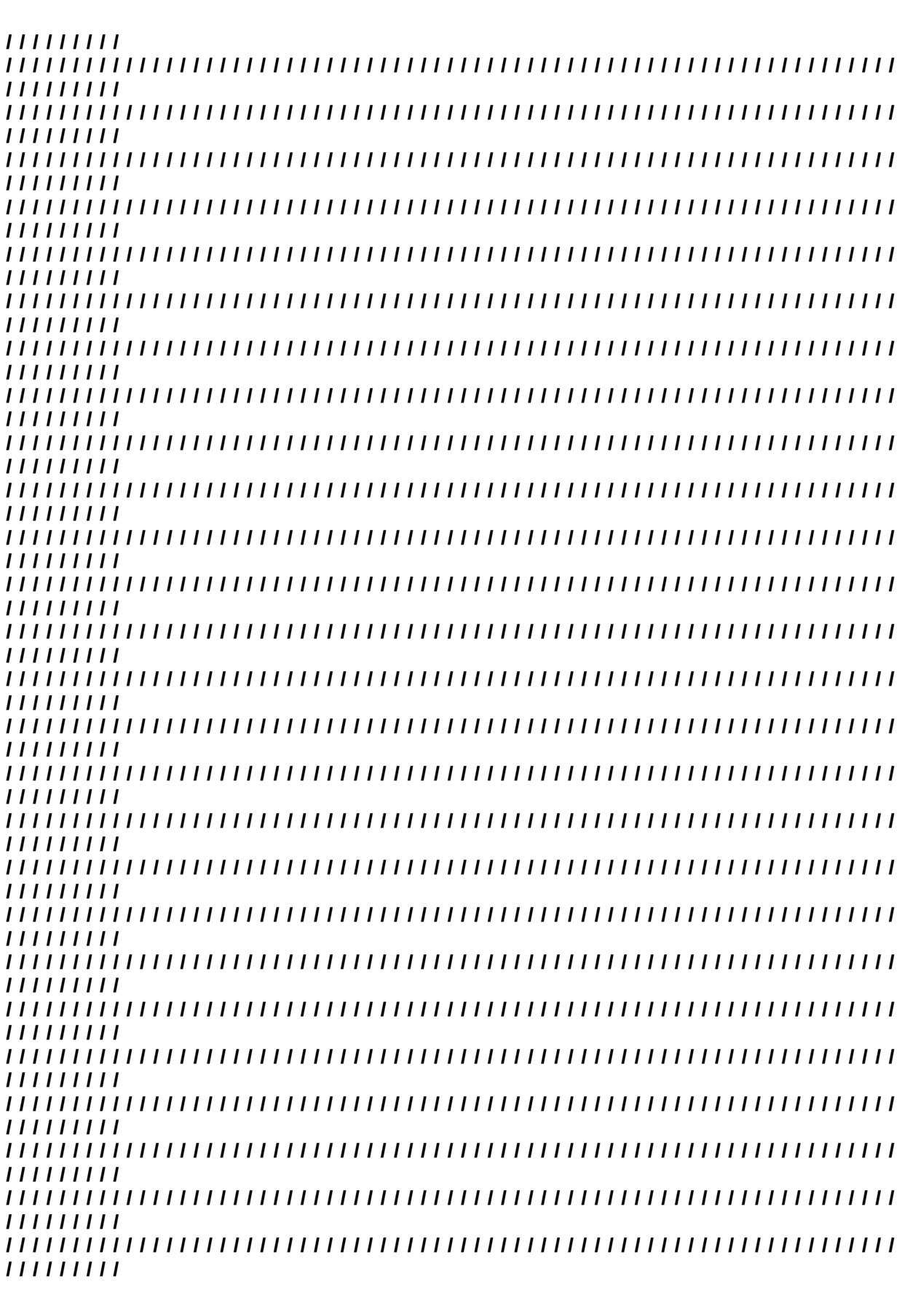

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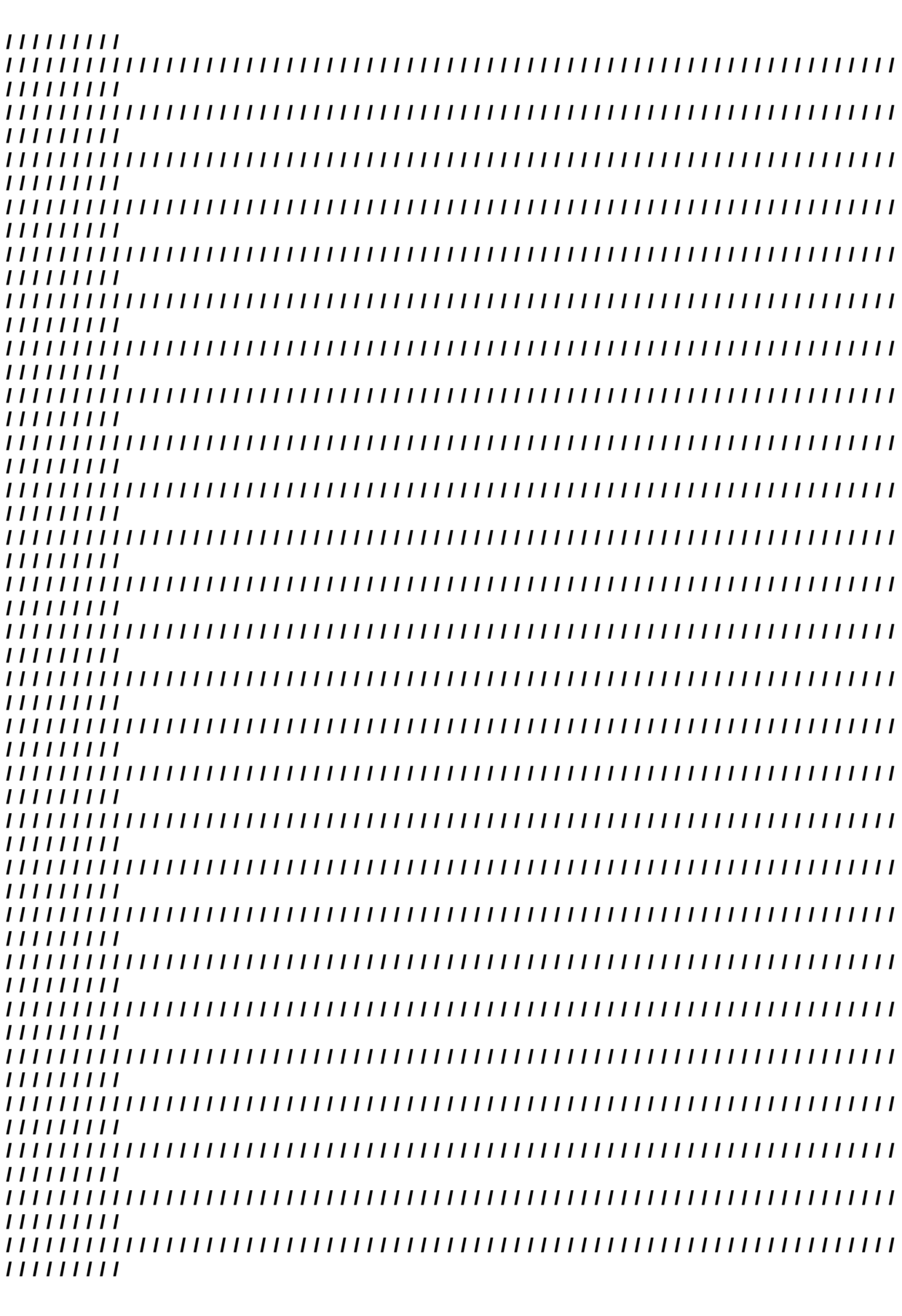

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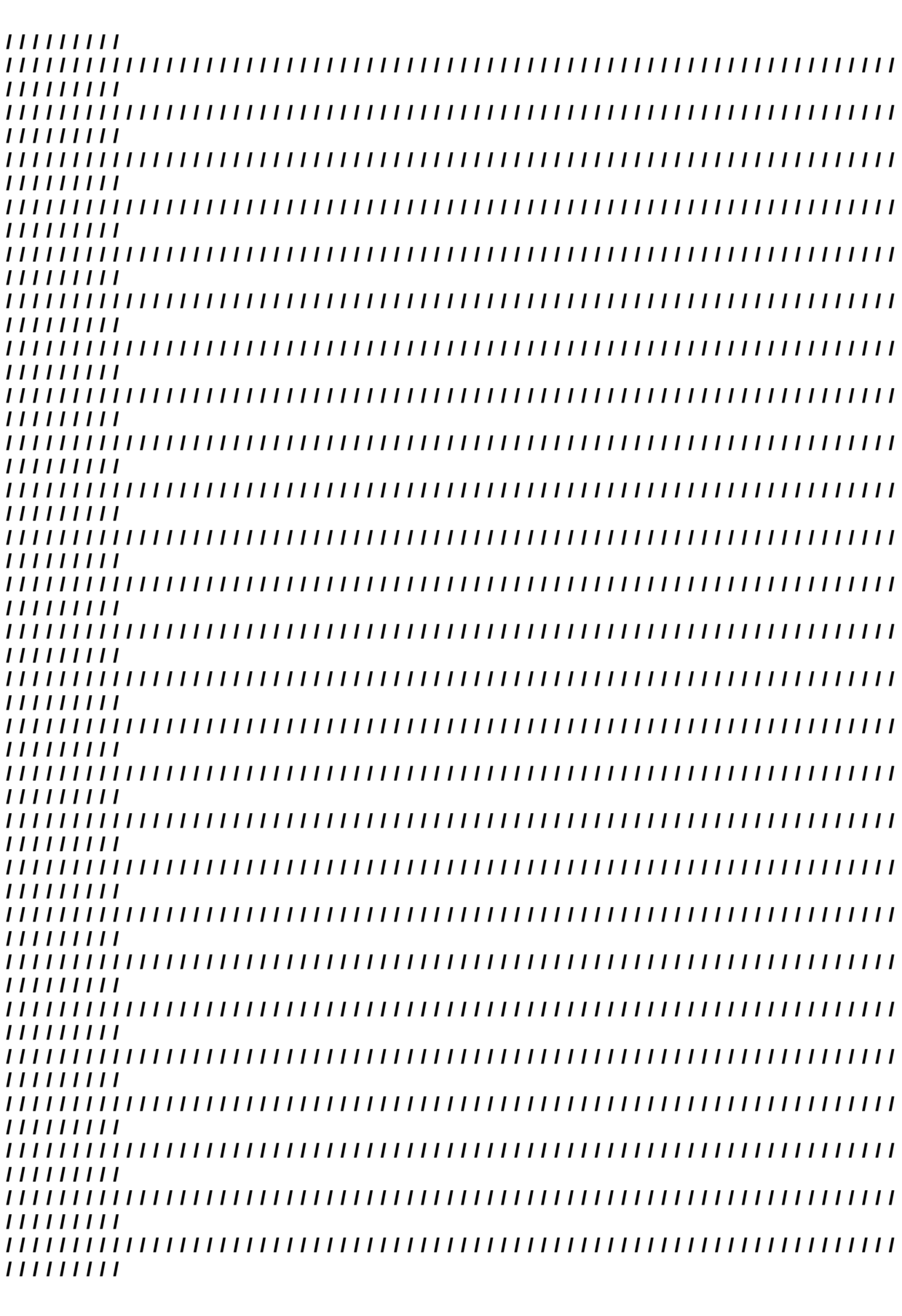

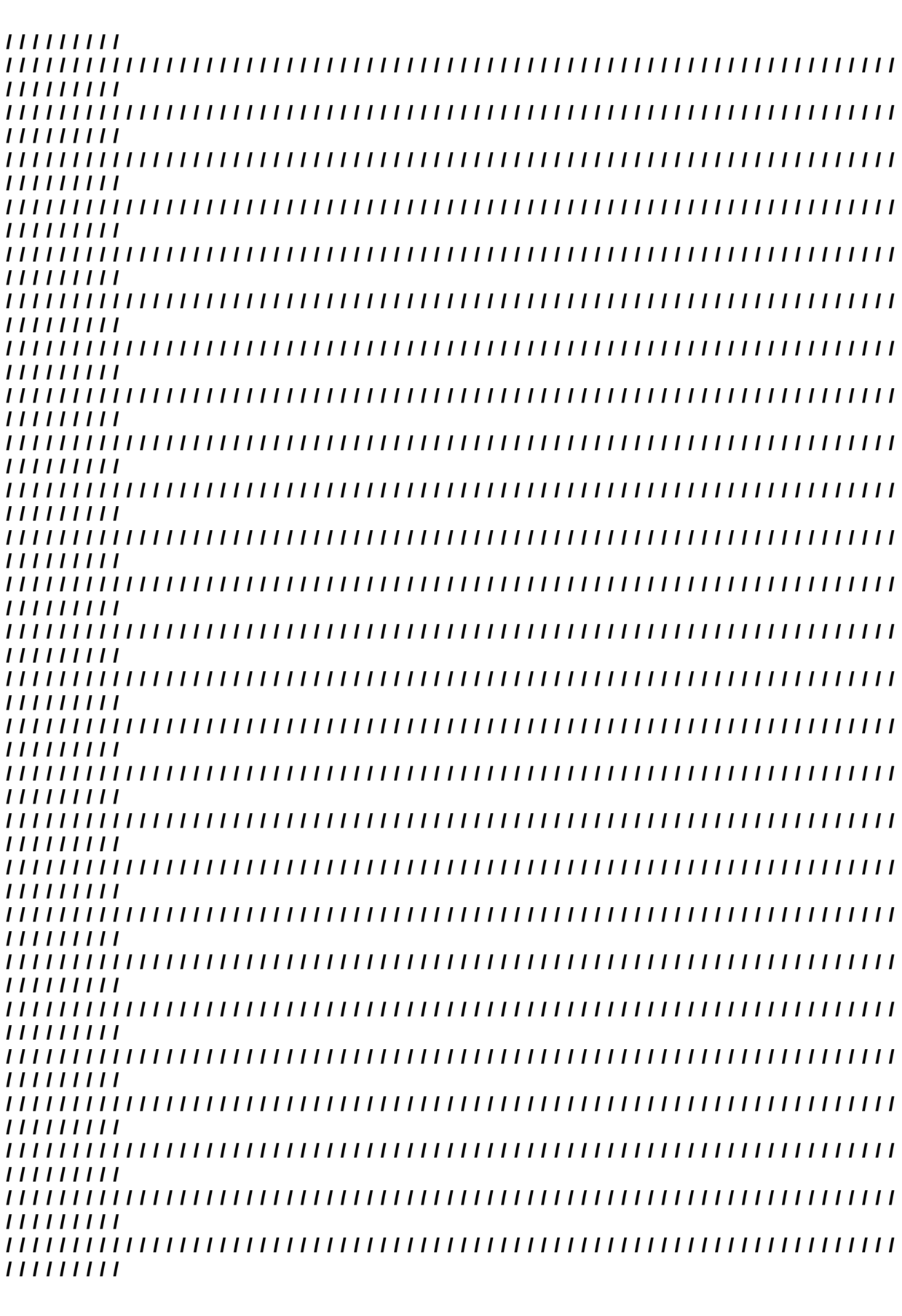

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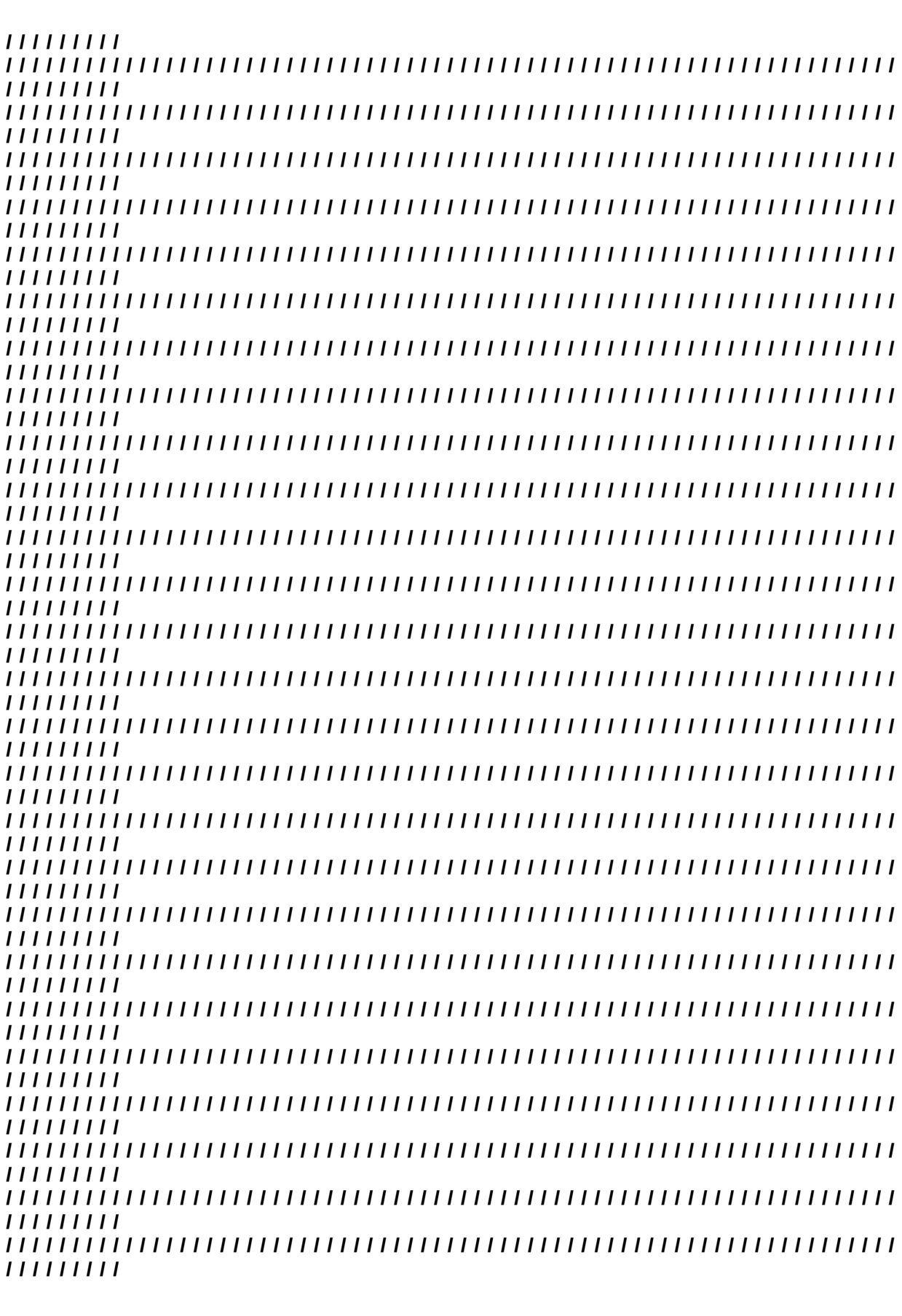

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    Northwest Regions (NWR) Charleen Gavette SWR (ed.) Steve Stone NWR (ed.)
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    Critical Habitat for the Southern Distinct Population Segment (DPS) of Green
    Sturgeon. These Estuary Polygons were derived from NOAA's Medium resolution
    digital Vector Pacific Coast Shoreline.</abstract>
  <purpose>The purpose of this data set is to provide a general basemap for the
    location of estuarine areas designated as Endangered Species Act (ESA) critical
    habitat for the threatened Southern DPS of Green Sturgeon. The data DO NOT
    constitute a legal description of critical habitat (which can be found in the
    agency's Federal Register notice describing the designation - see 74 FR 52300,
    October 9, 2009).</purpose>
  <supplinf>These Estuary Polygons were selected and exported from NOAA's Medium
    resolution digital Vector Pacific Coast Shoreline. They represent the best available
    information to depict the specific estuarine areas occupied by Southern DPS Green
    Sturgeon. Estuary polygons were modified to depict areas downstream from the
    head of tide (where determinable). In the case where Green Sturgeon presence
    extended further upstream than where the Estuary Boundary was depicted, then
    users should review the separate data sets for head of tide and stream lines to
    determine the extent of tidal influence in the subject estuariesupstream/head of
    tide limit. The original Estuary polygons were modified as needed to align the
    estuary-ocean boundary consistent with the Pacific Coast COLREG Demarcation
    lines. This GIS file should be used in conjunction with the other Green Sturgeon
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<accconst>To ensure an individual or an agency is using the most current and accurate representation of the Green Sturgeon Critical Habitat Designation GIS data, a request should be made directly to the National Oceanic and Atmospheric Administration (NOAA), National Marine Fisheries Service (NMFS), South or Northwest Regions</accconst>
<useconst>The purpose of this data set is to provide a general basemap for the location of estuarine areas designated as Endangered Species Act (ESA) critical habitat for the threatened Southern Distinct Population Segment of North American Green Sturgeon. The data DO NOT constitute a legal description of critical habitat (which can be found in the agency's Federal Register notice describing the designation - see 74 FR 52300, October 9, 2009).</useconst>

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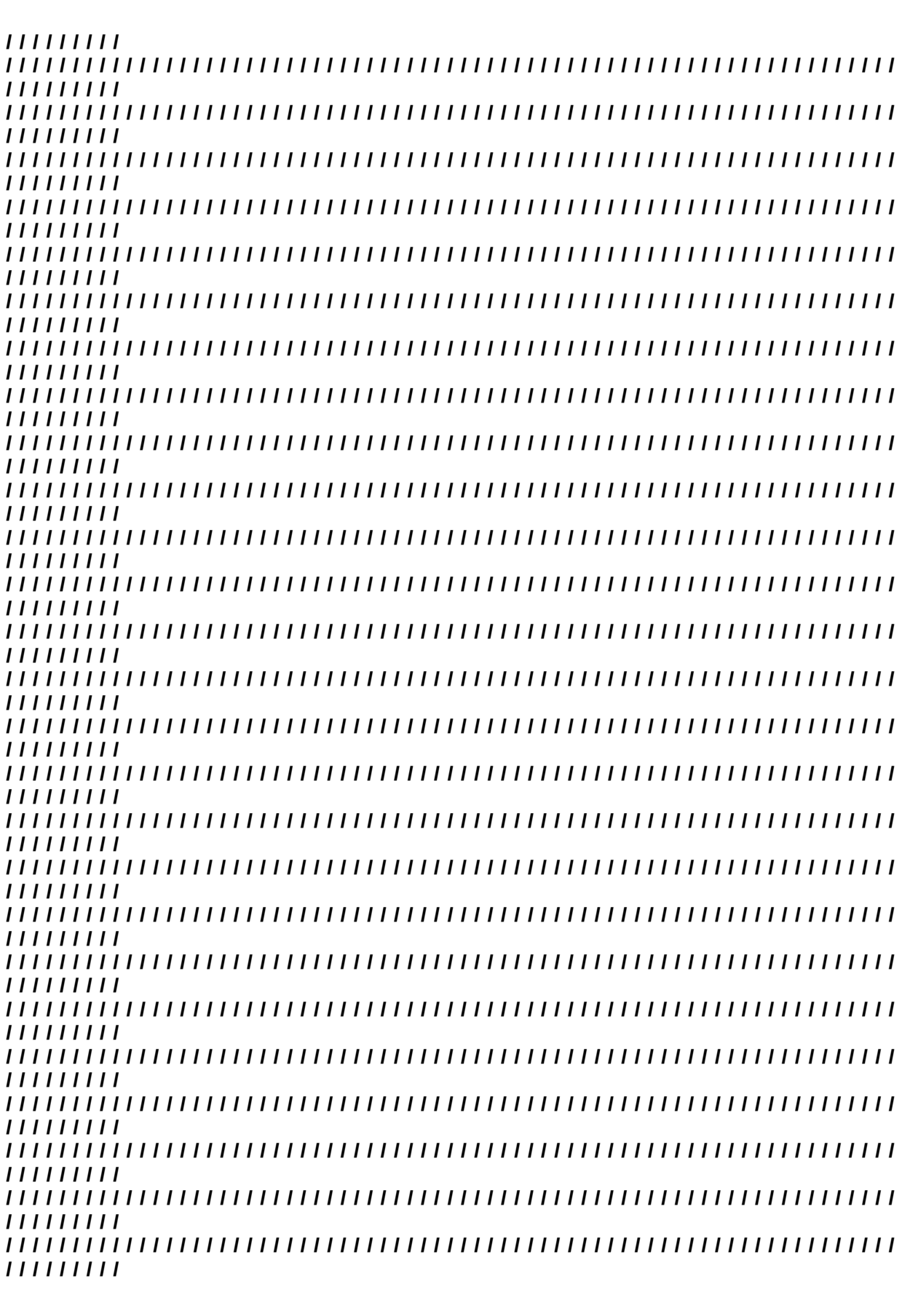

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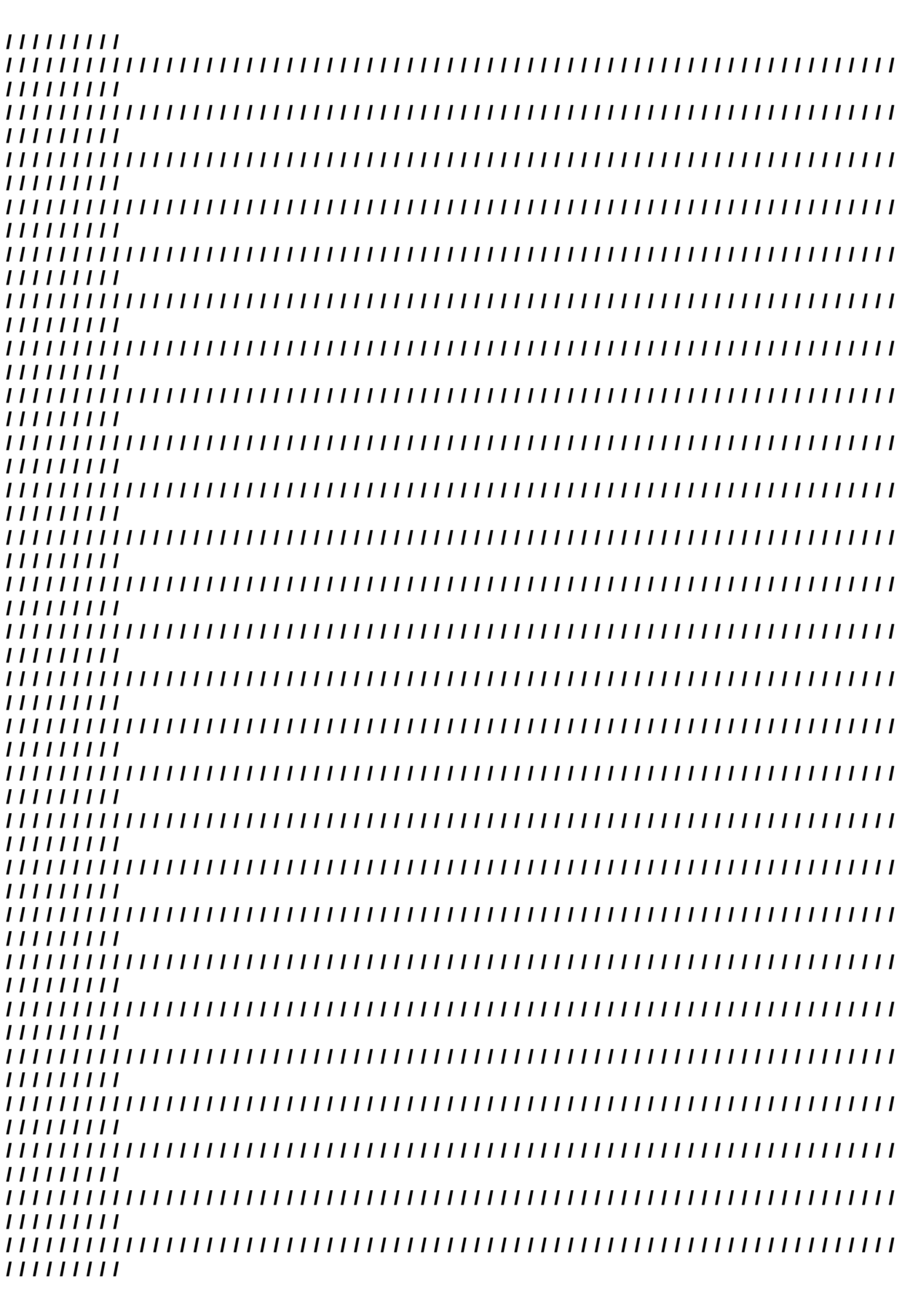

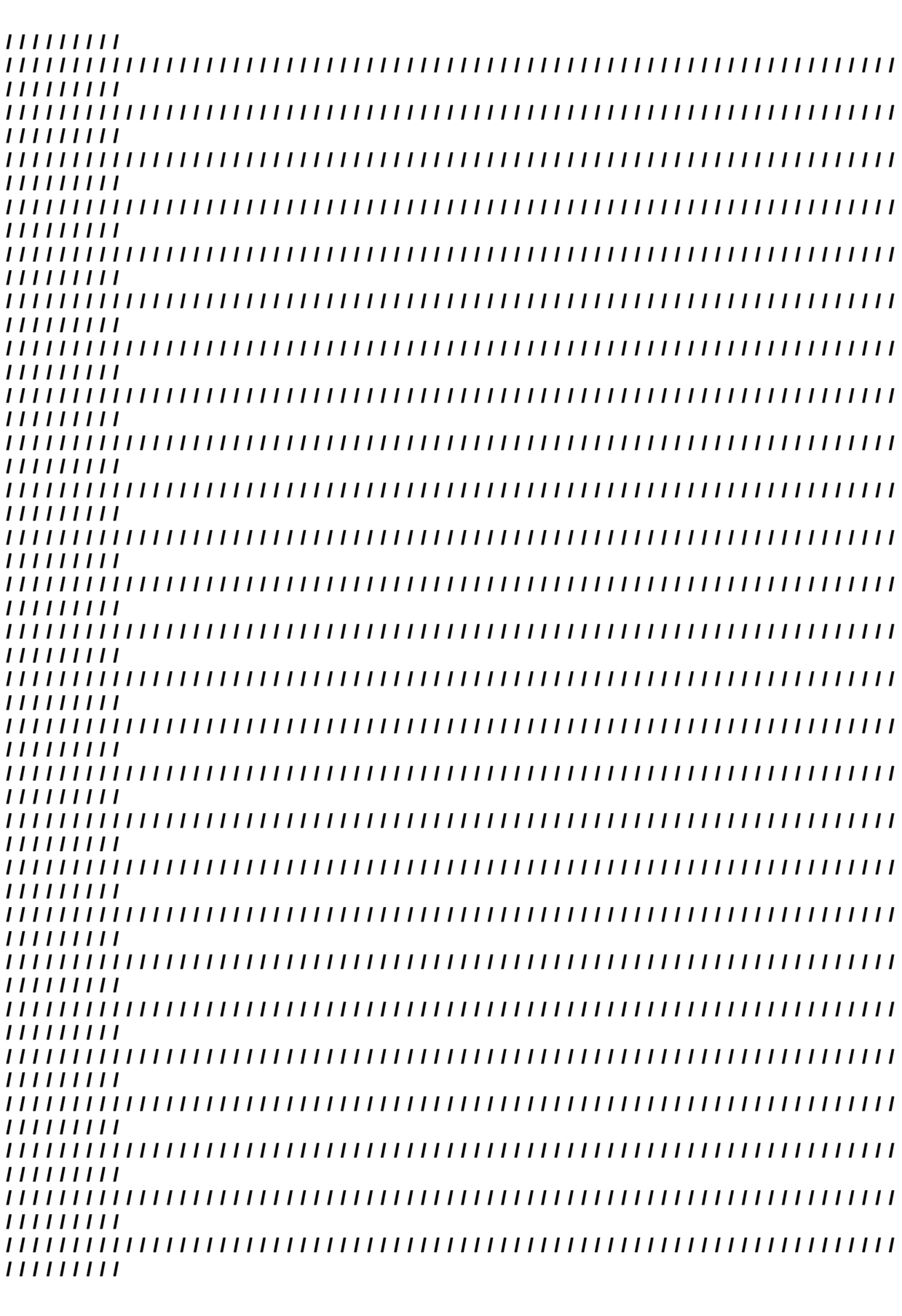

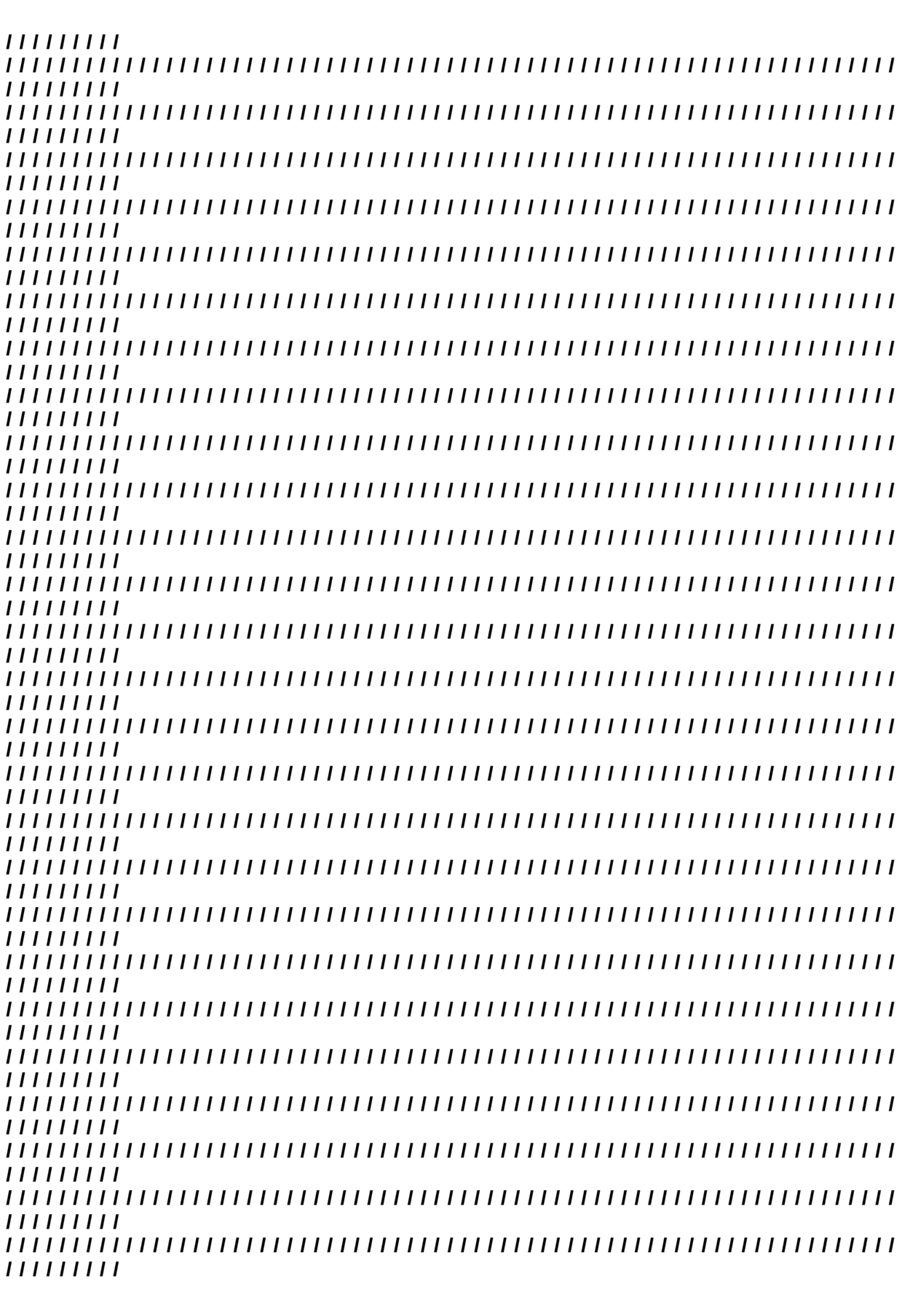

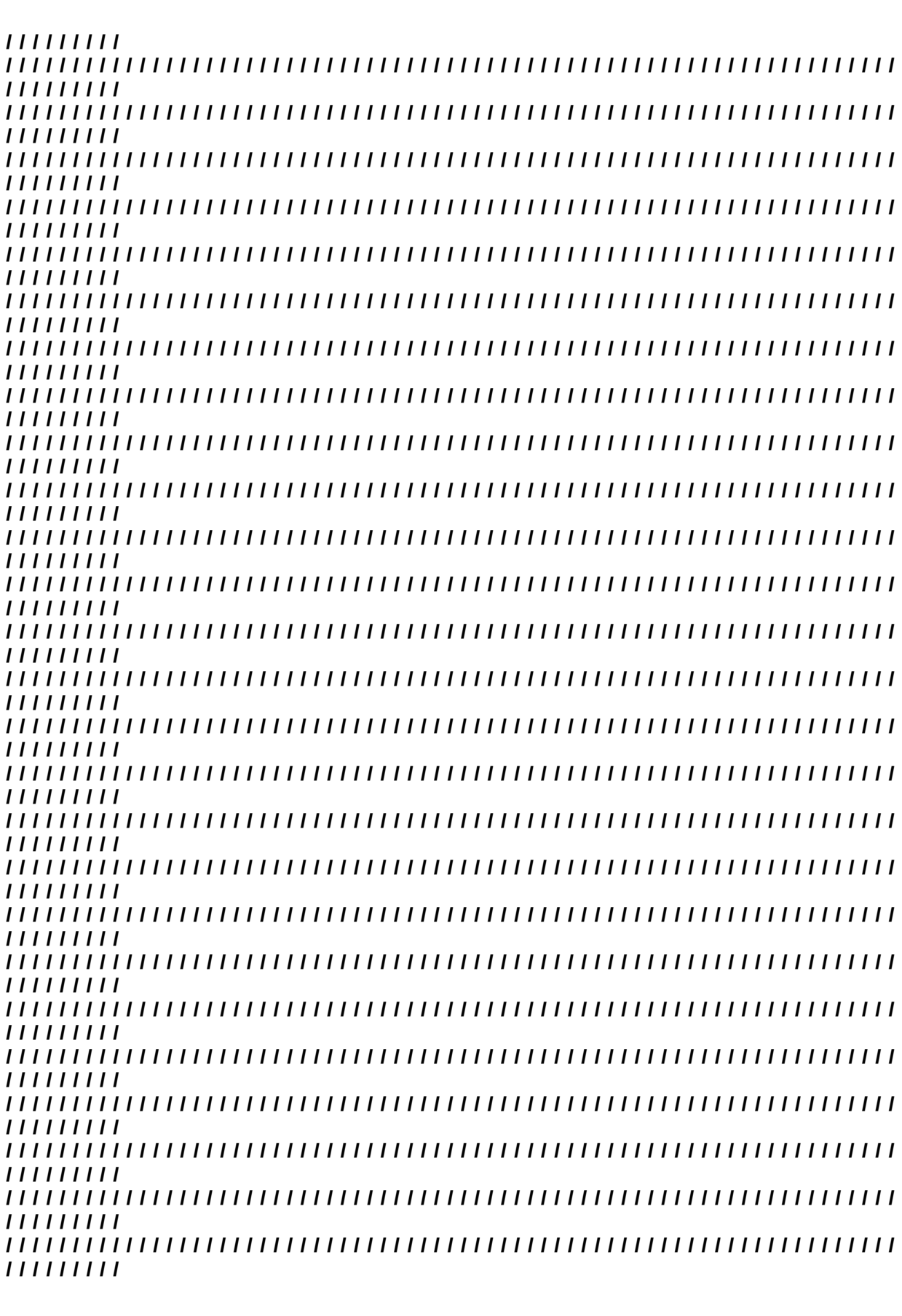

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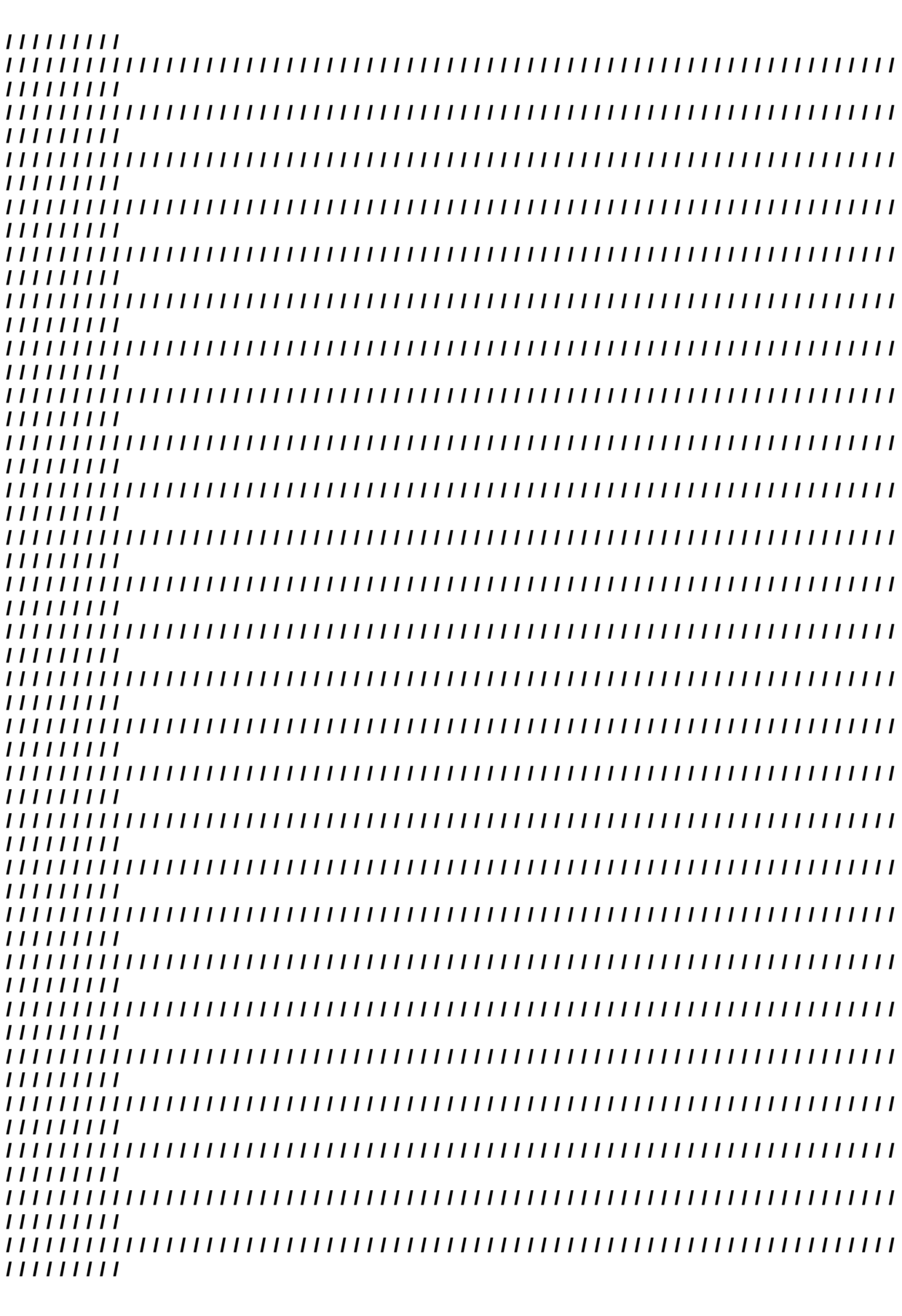

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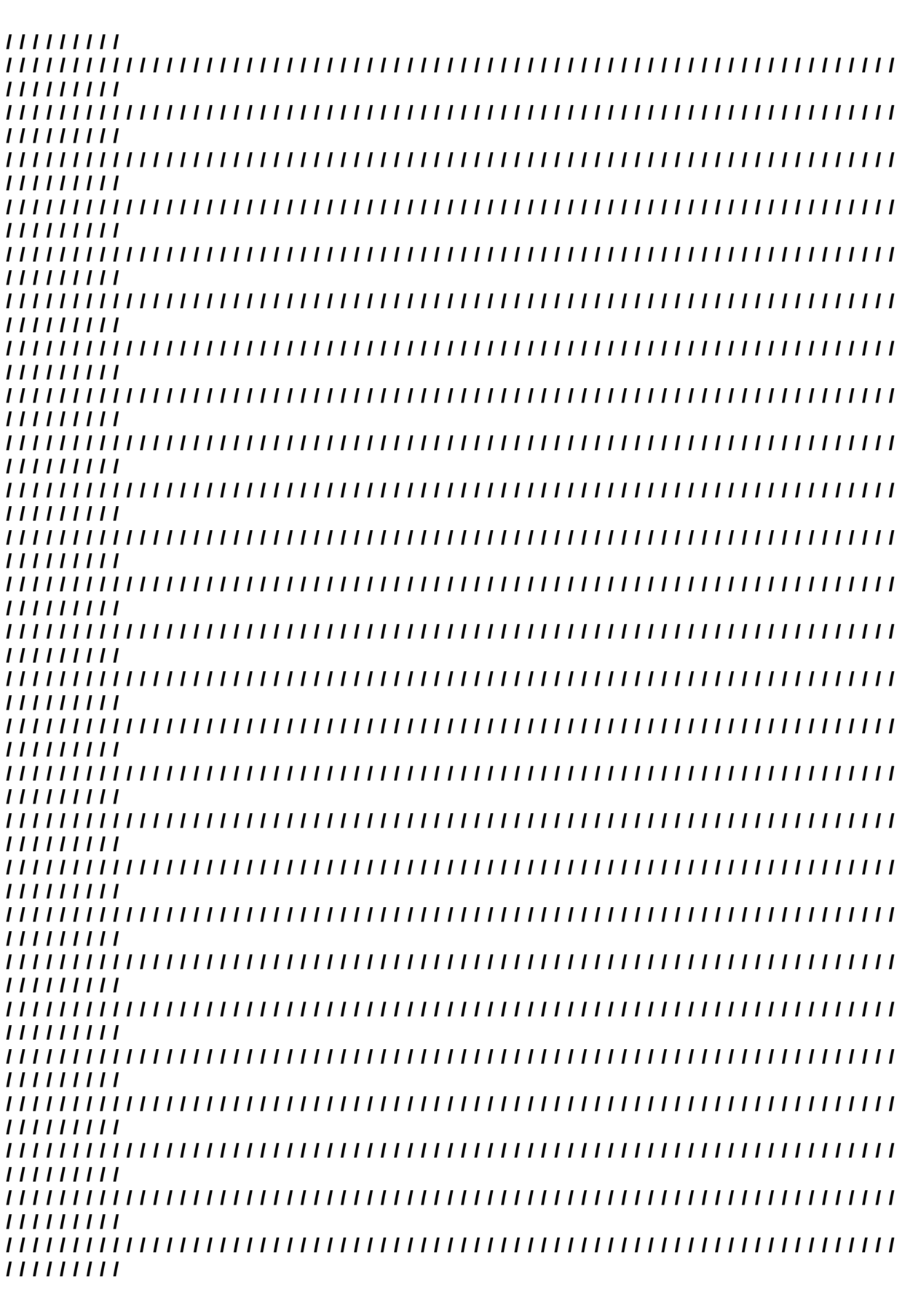

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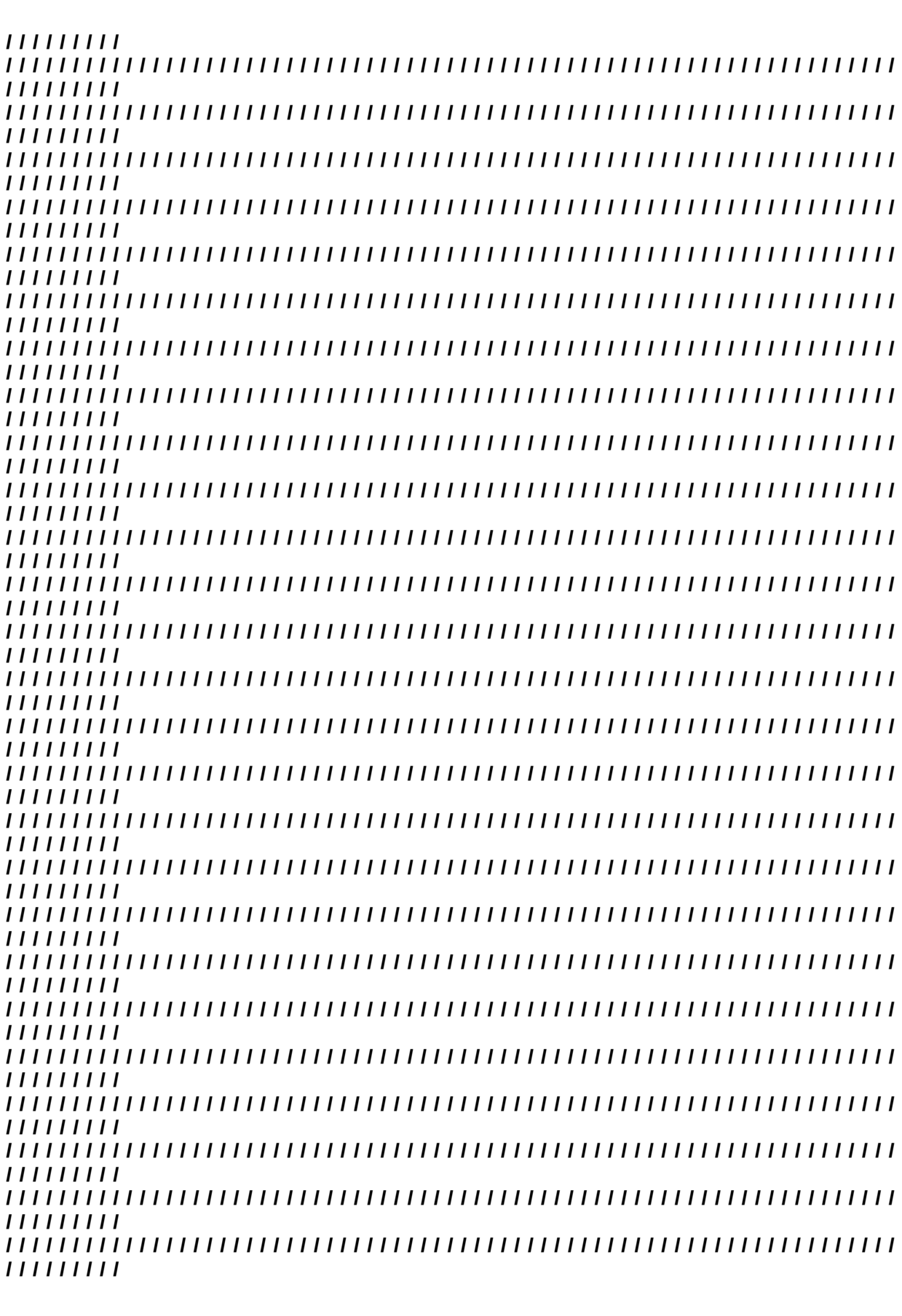

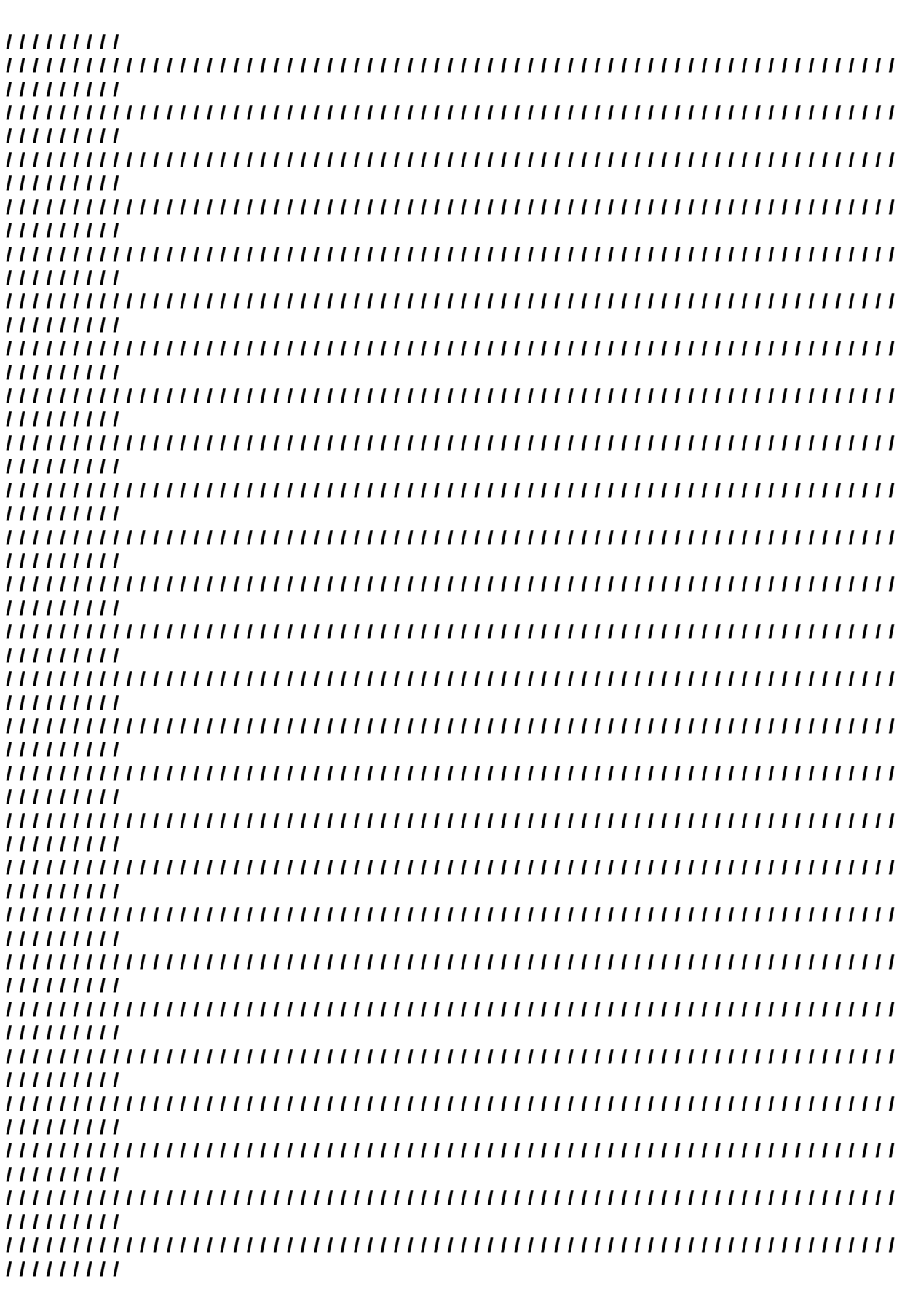

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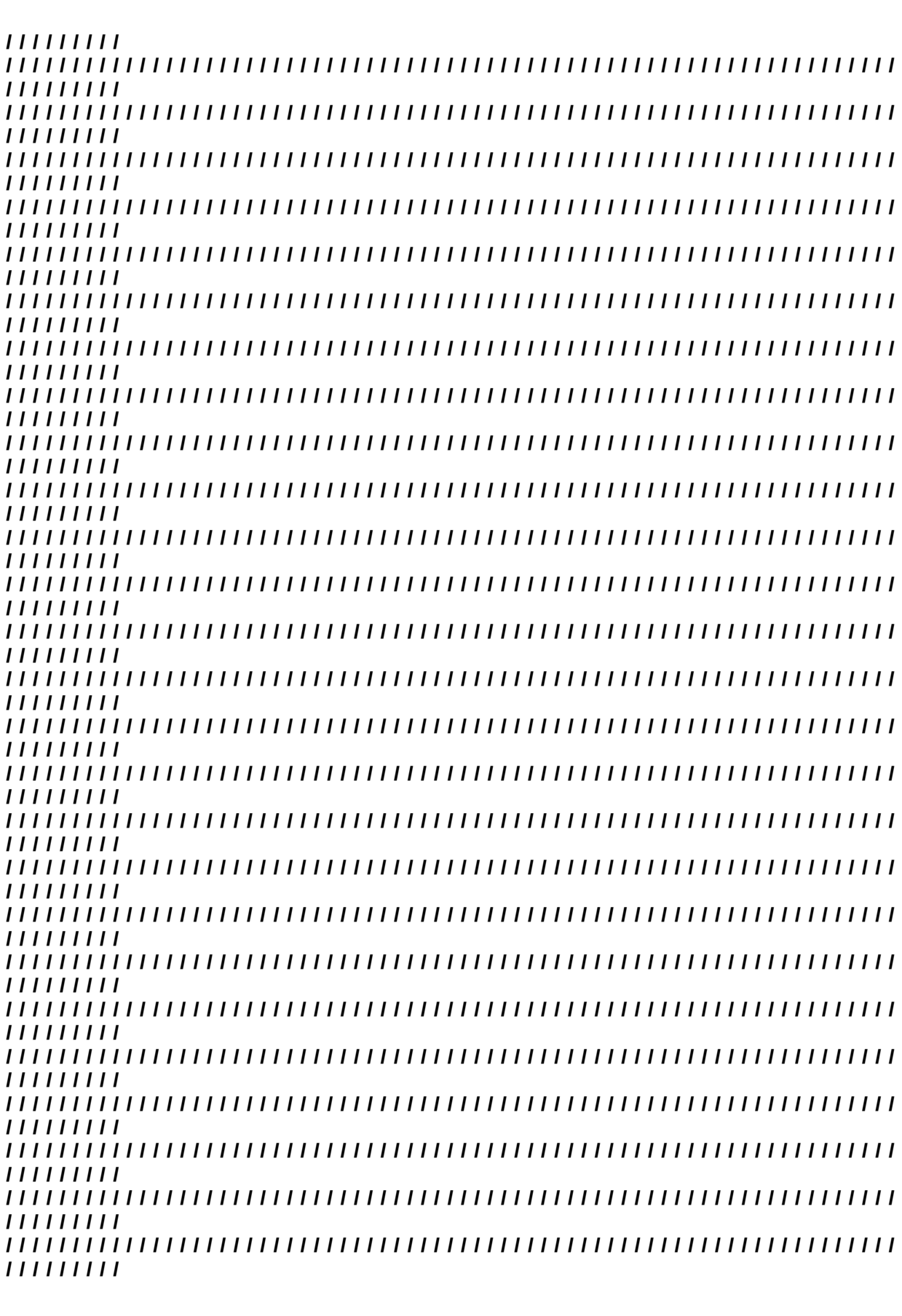

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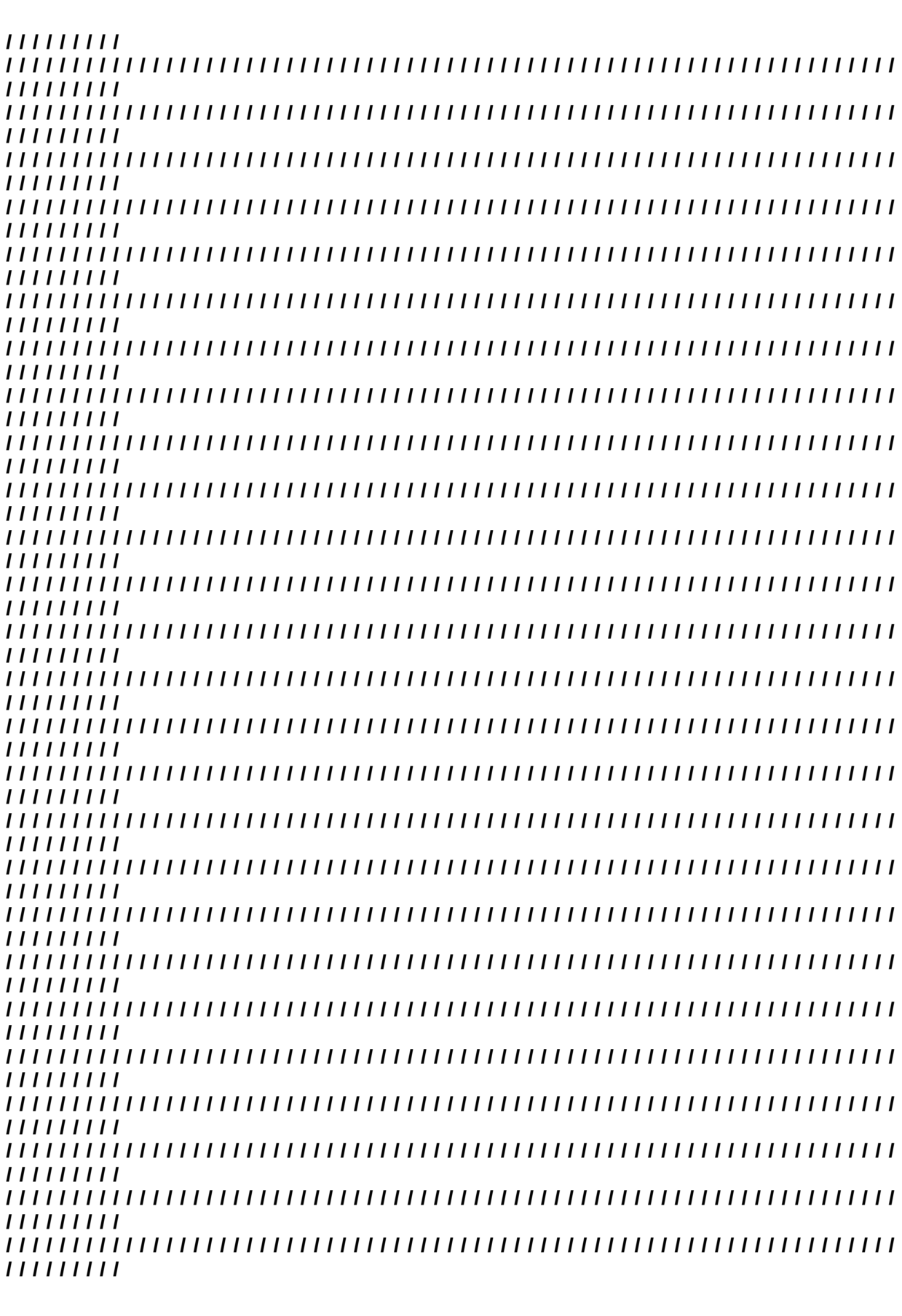

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GreenSturgeonCHMarineCoastalZones.shp.xml
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    Act (ESA) critical habitat for the threatened Southern Distinct Population Segment
    (Southern DPS) of North American Green Sturgeon. These areas include coastal
    U.S. marine waters within 60 fathoms depth (110 meters - see supplemental info)
    from Monterey Bay, California (including Monterey Bay), north to Cape Flattery,
    Washington, including the Strait of Juan de Fuca, Washington, to the U.S.-Canada
    boundary. Critical habitat is defined in the National Marine Fisheries Service's
    (NMFS) final rule for Southern DPS Green Sturgeon critical habitat (see 72 FR
    52084, September 8, 2008). Data from National Oceanic and Atmospheric
    Administration (NOAA) Office of Coast Survey was used for the shoreline along
    with the 10-meter bathymetry polygons for Essential Fish Habitat (EFH) from
    TerraLogic GIS, Inc. to create a marine zone polygon between the coast (MLLW -
    Derrived from NOAA Electronic Nautical Charts (ENC)) and the 60 fathom (110
    meters - see supplemental info) depth for the defined area. The estuarine and
    freshwater areas considered for critical habitat designation are not included in this
    layer.</abstract>
  <purpose>The purpose of this data set is to provide a general basemap for the
    location of marine areas designated as Endangered Species Act (ESA) critical
    habitat for the threatened Southern Distinct Population Segment of North
    American Green Sturgeon. The data DO NOT constitute a legal description of
    critical habitat (which can be found in the agency's Federal Register notice
    describing the final designation - (50 CFR Part 226 Page 52300, October 13,
    2009).</purpose>
  <supplinf>To create the polygons for the Marine Coastal Green Sturgeon Critical
    Habitat Zone,Terra Logic Bathymetry lines were used at the 110 meter depth
    contour to create the western boundary of the polygons. The final rule states that
    the 60 fathom depth line should be considered the most westerly boundary of the
    Green Sturgeon Critical Habitat but the GIS producers were not aware of the
    availability of a reliable Pacific Coast continous 60 fathom bathymetry line at the
    time these data were created. Because the difference between the 110 meter
    depth and the 60 fathom depth is a minimal .1487 fathoms or .272 meters the GIS
    producers along with the NMFS Critical Habitat Review Team (CHRT) decided for
    GIS purposes only to use the 110 meter bathymetric contour line. The Eastern
    boundary was created using the NOAA Electronic Nautical Charts (ENC) Shoreline
    Feature Class which represent the Mean Lower Low Water (MLLW) for the Pacific
    Coast. ENCs used to create the MLLW are listed below: US3CA14M US3CA15M
    US3CA52M US3CA69M US3CA70M US3CA85M US3OR01M US3OR02M US3OR03M
    US3WA01M US3WA02M US3WA03M One continuous MLLW shoreline was created
    by merging the individual charts shoreline data. The Green Sturgeon Critical
    Habitat Eastern Coastal Marine Boundary was then snapped to this continuous
    Pacific Coast MLLW shoreline to form the easterly polygon boundary. This GIS file
    should be used in conjunction with the other Green Sturgeon Critical Habitat GIS
    files showing Estuaries, Marsh Areas, Bypass Areas, Stream Lines, Department of
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    Northwest Regions (NWR) Charleen Gavette SWR (ed.) Steve Stone NWR (ed.)
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      Population Segment of North American Green Sturgeon. These areas include
      coastal U.S. marine waters within 110 meters (m) depth from Monterey Bay,
      California (including Monterey Bay), north to Cape Flattery, Washington, including
      the Strait of Juan de Fuca, Washington, to the U.S.-Canada boundary. Not all areas
      depicted were proposed for designation. The critical habitat is defined in the
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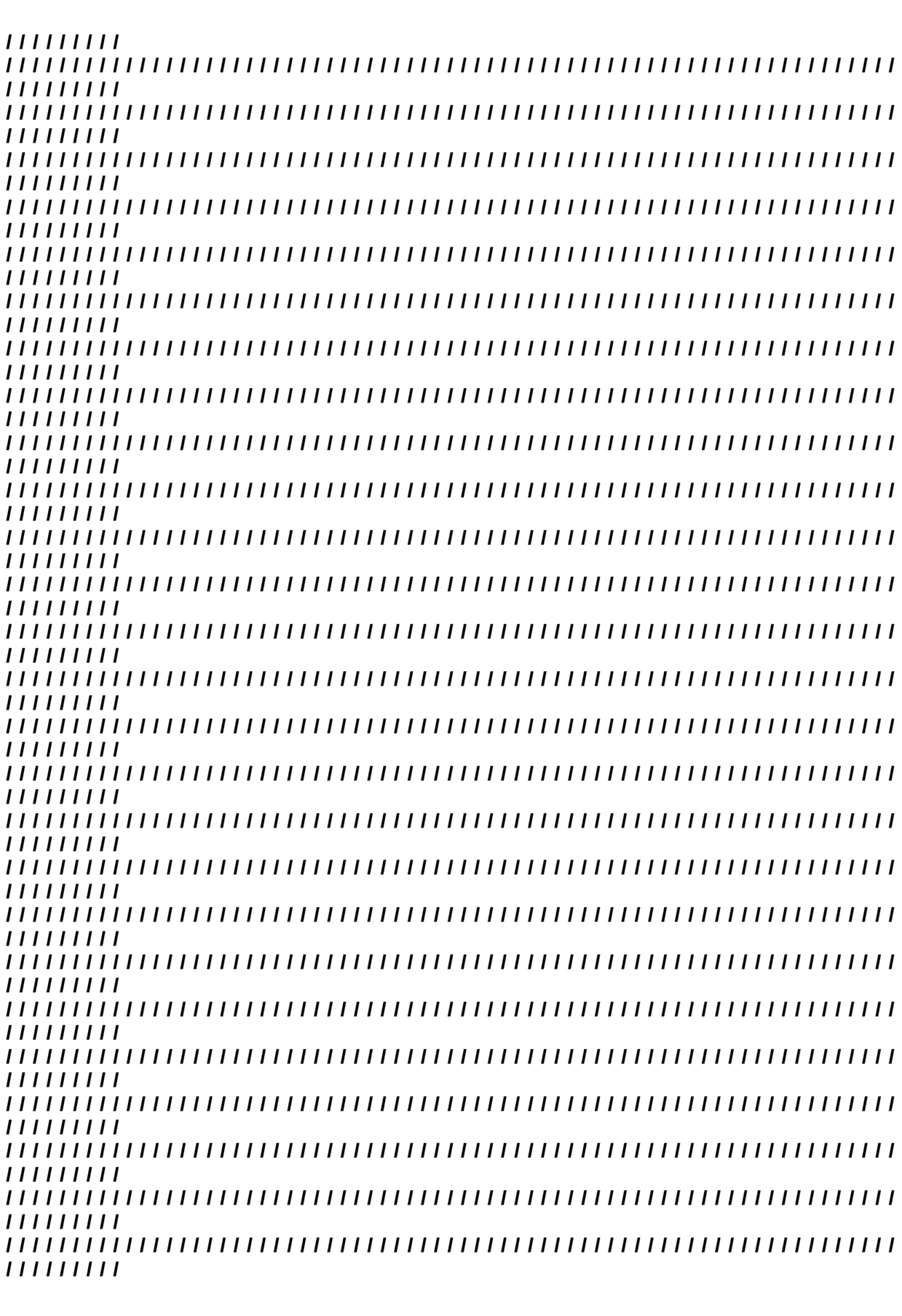

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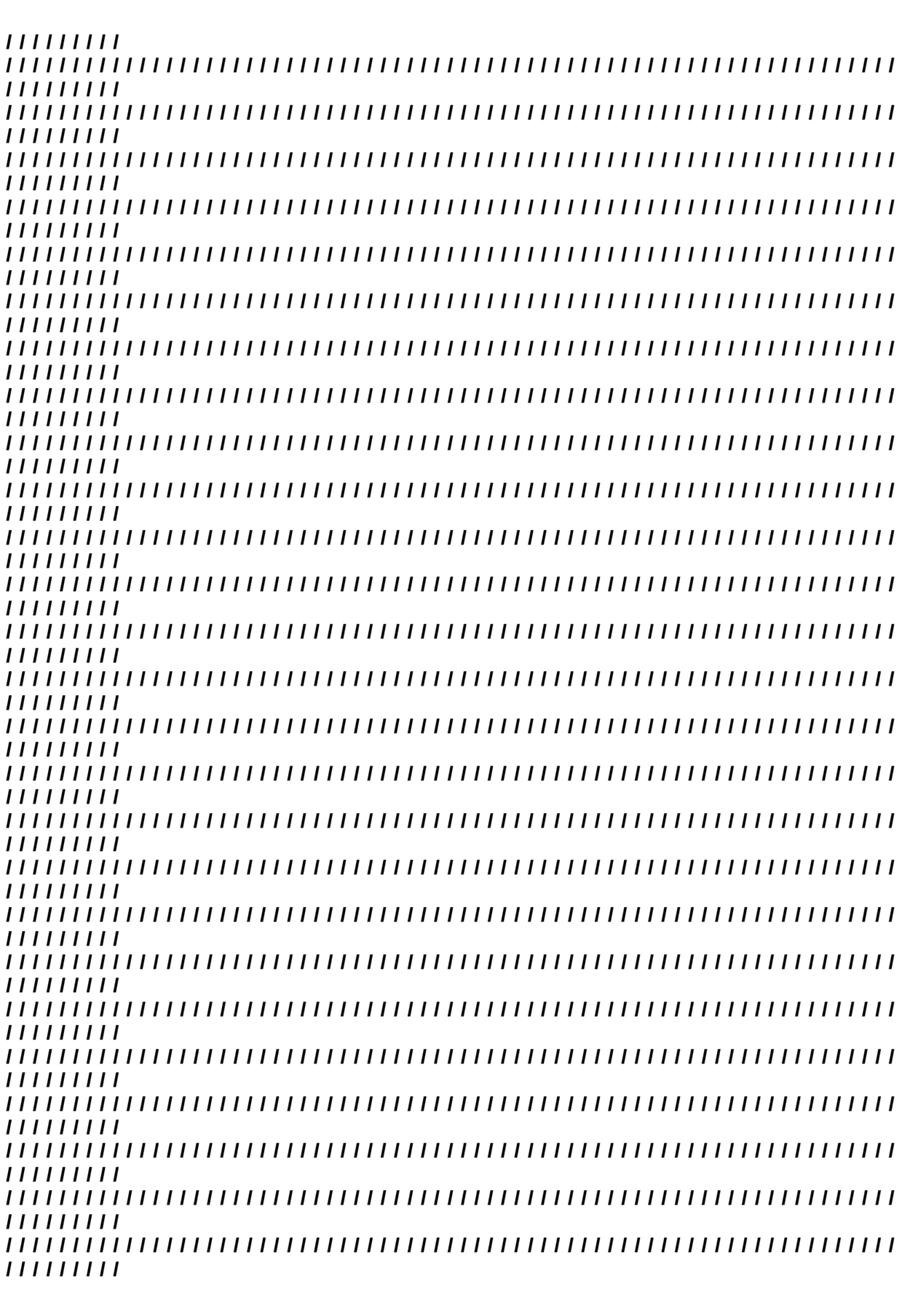

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GreenSturgeonCHHeadOfTide.shp.xml
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- <citation>
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  <accconst>To ensure an individual or an agency is using the most current and
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      Northwest Regions</accconst>
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      location of marine areas considered for designation as Endangered Species Act
      (ESA) critical habitat for the threatened Southern Distinct Population Segment of
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  <cntemail>mathew.dorsey@noaa.gov</cntemail>
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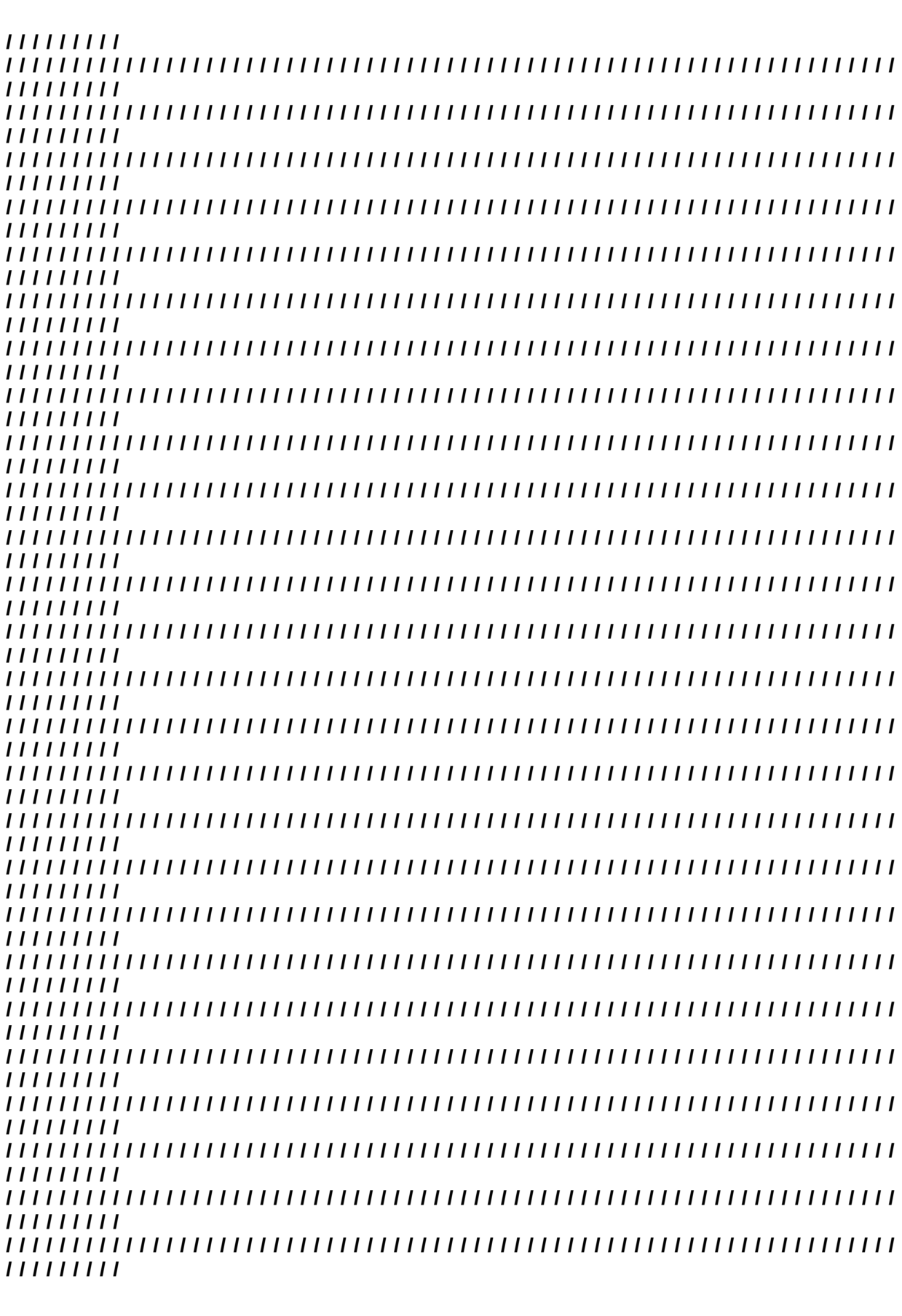

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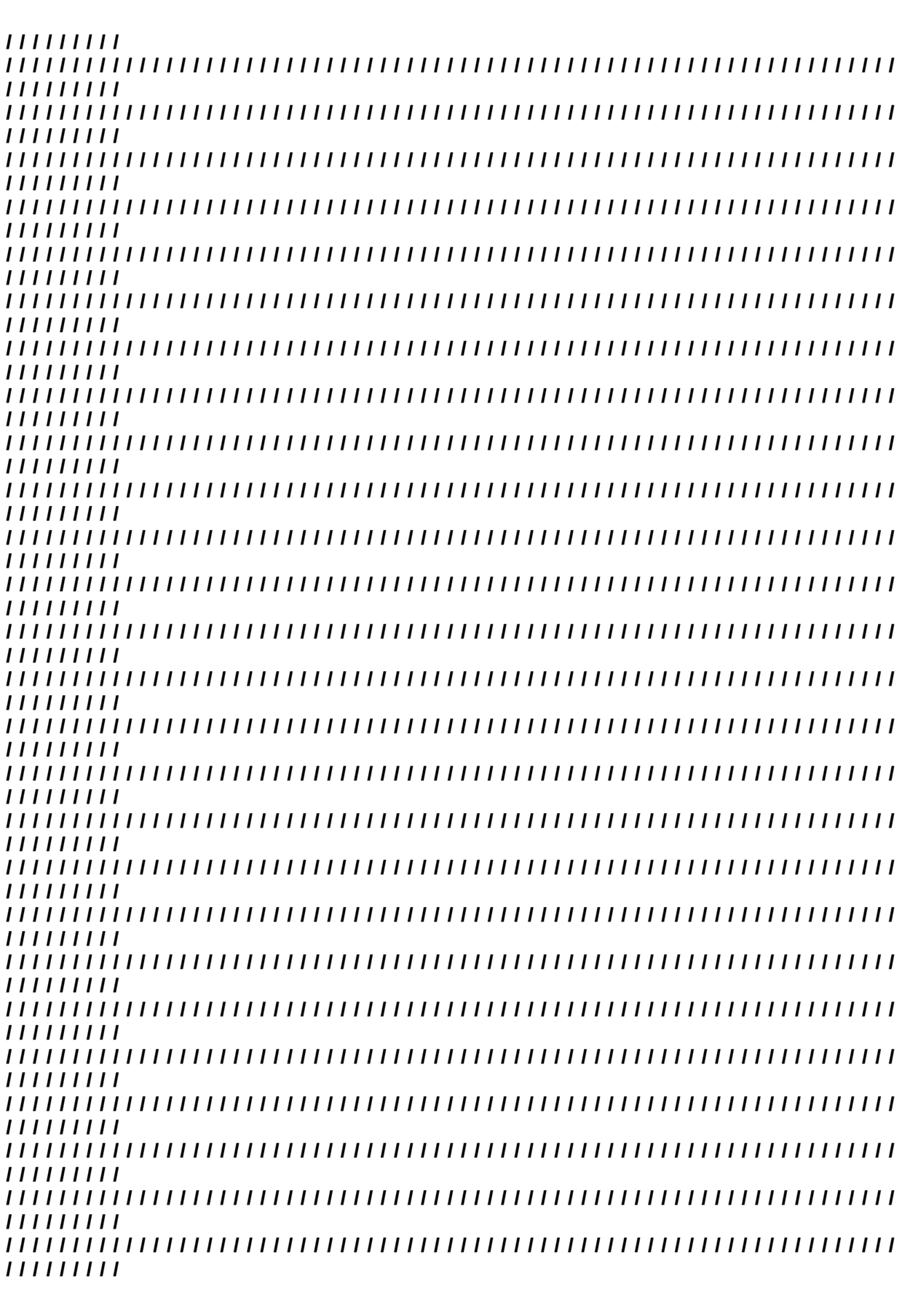

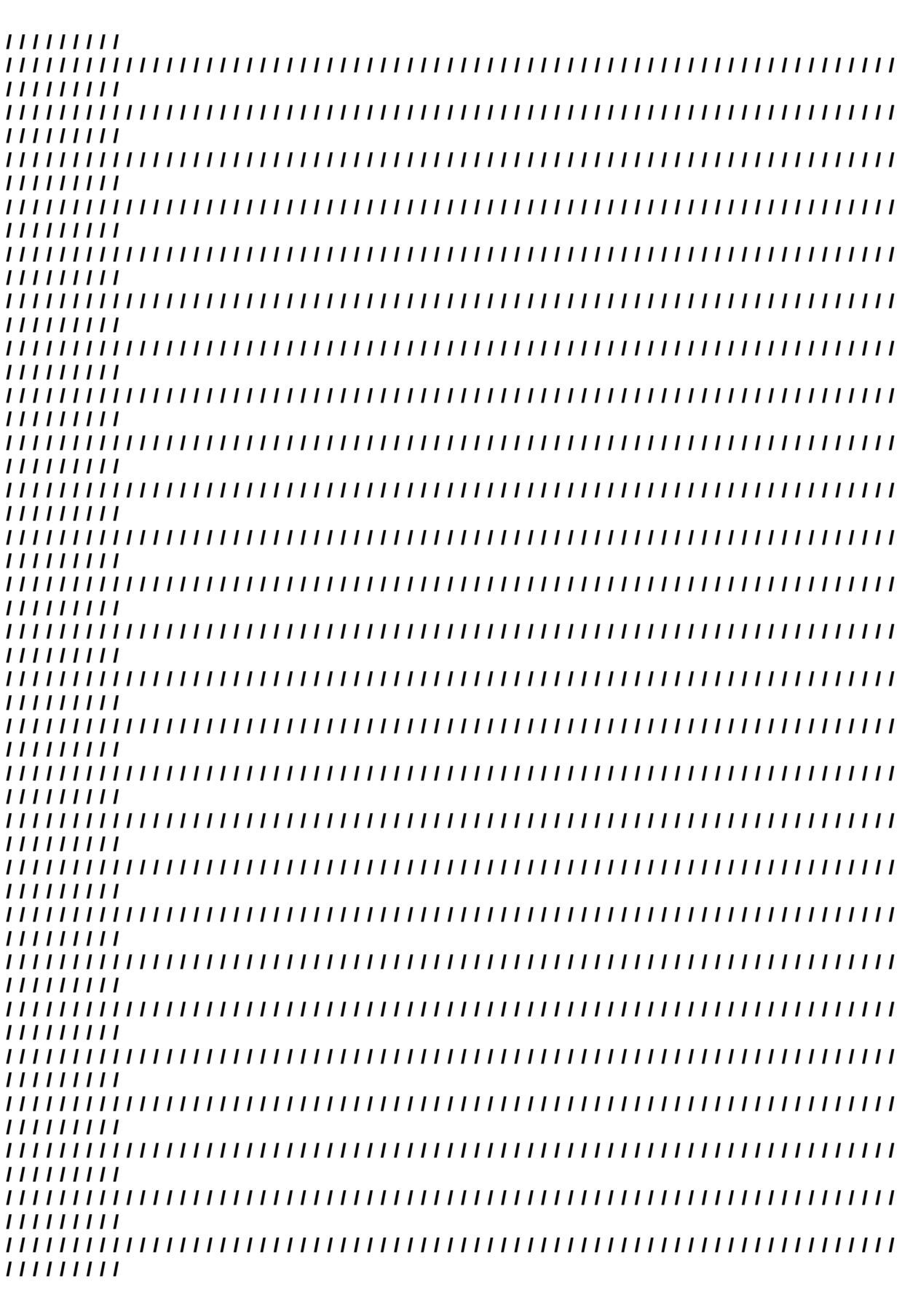

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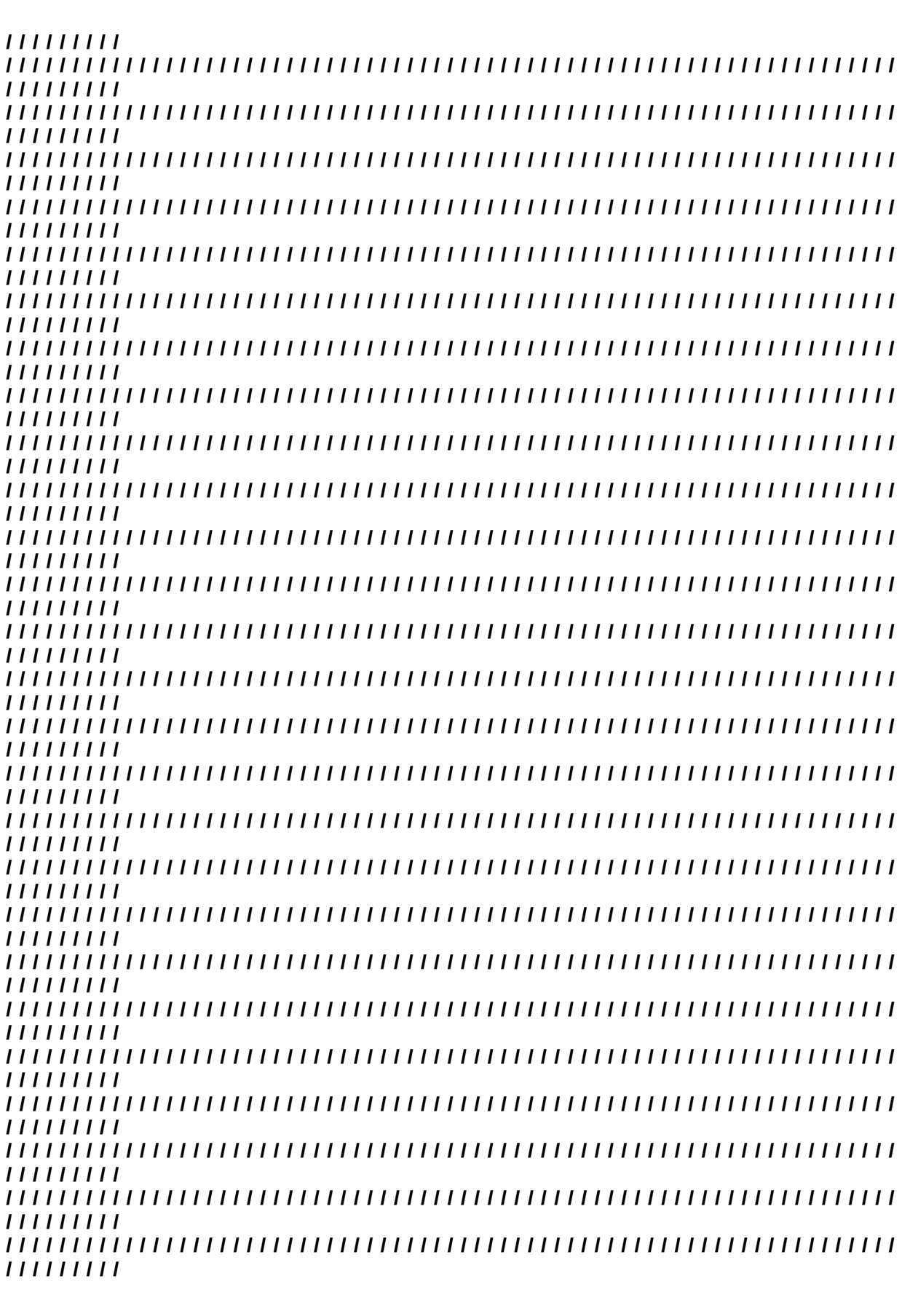

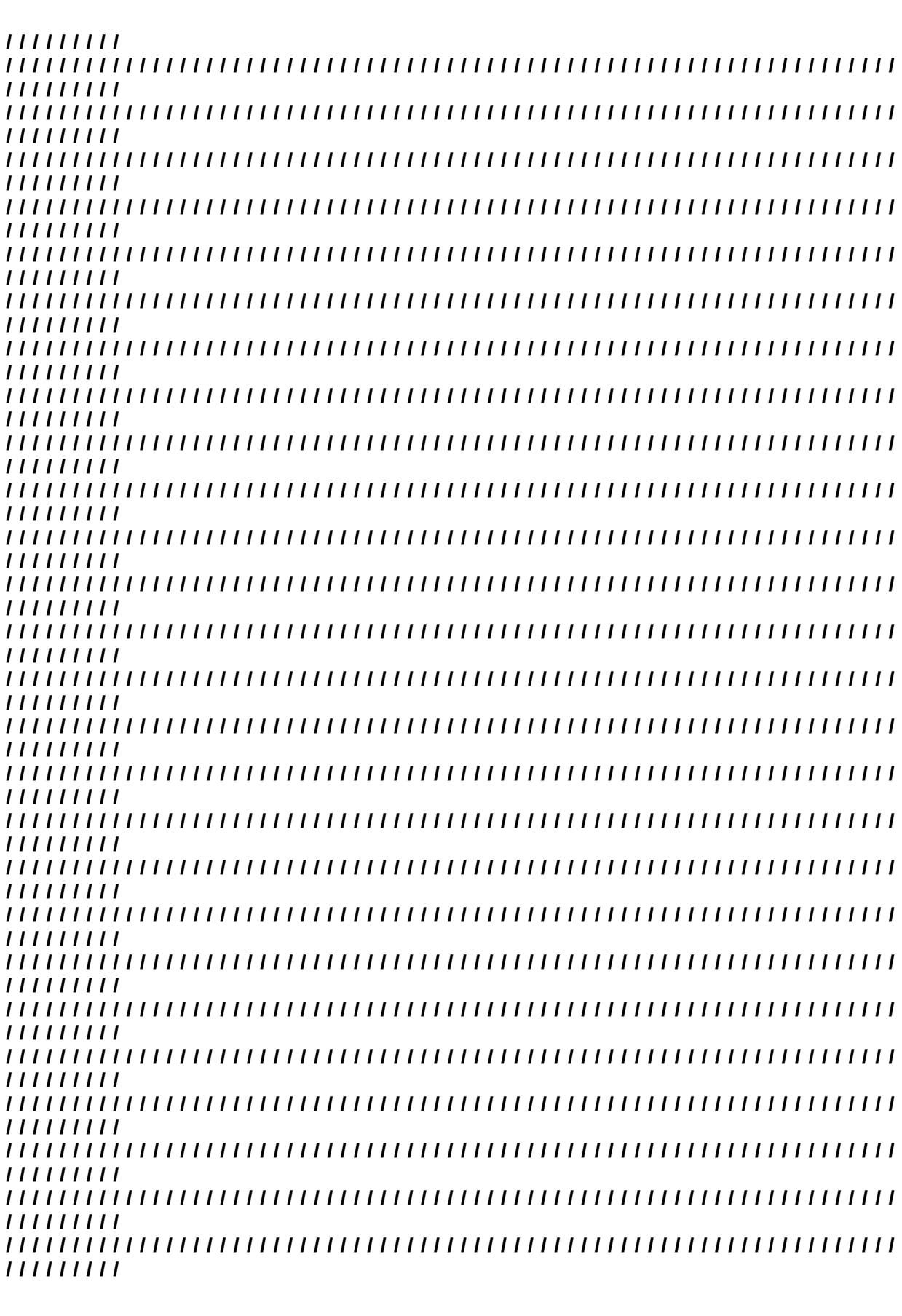

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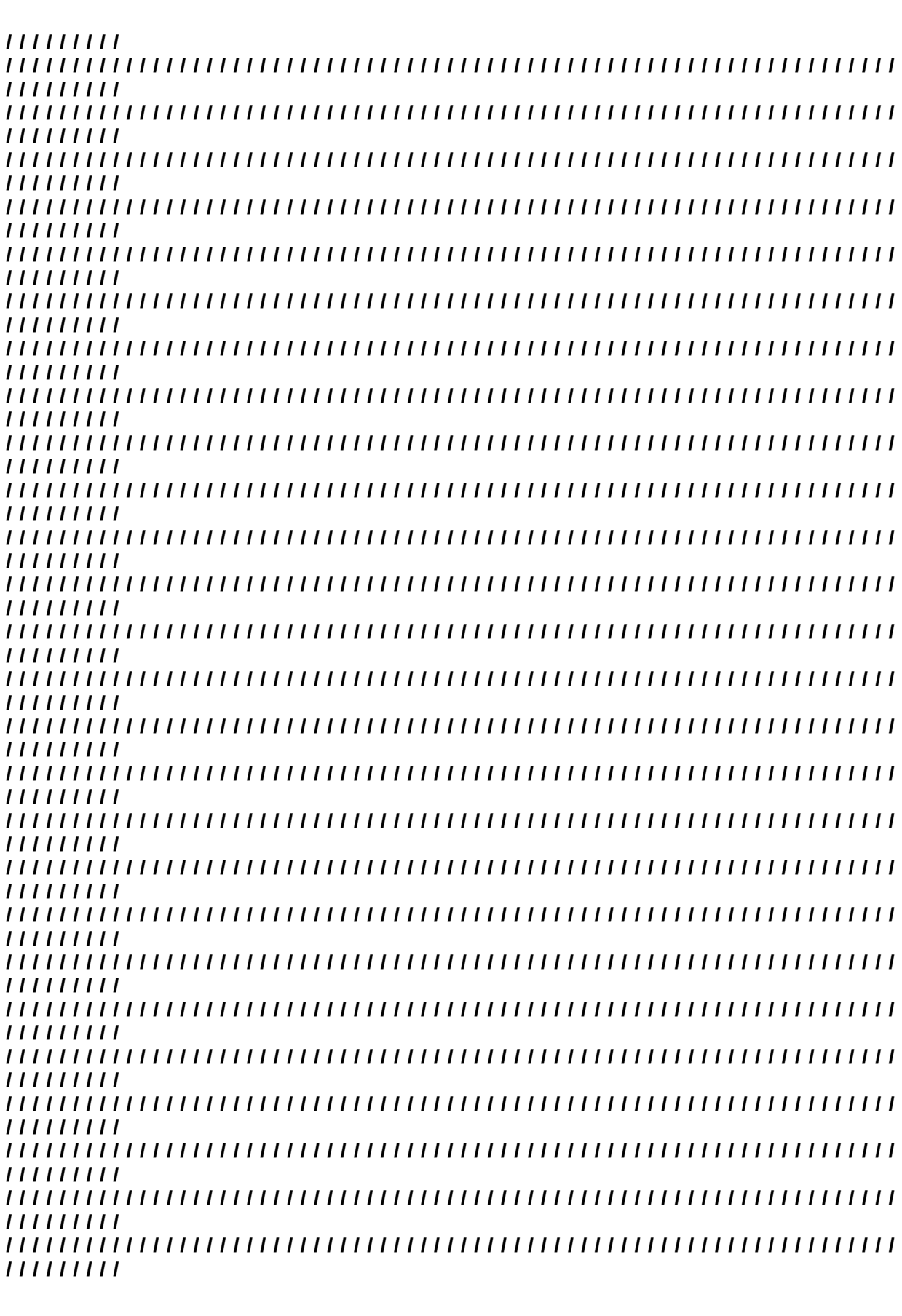

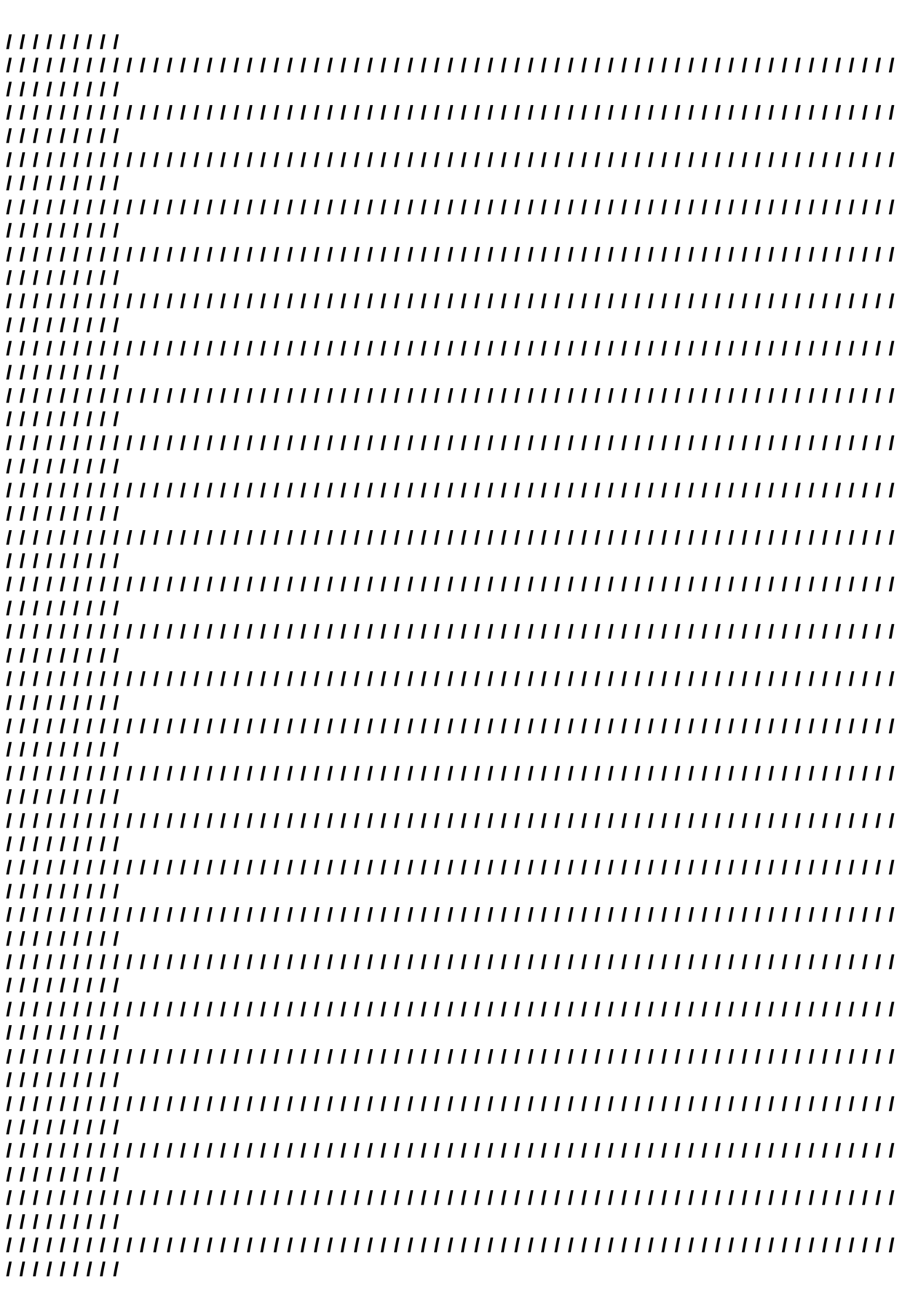

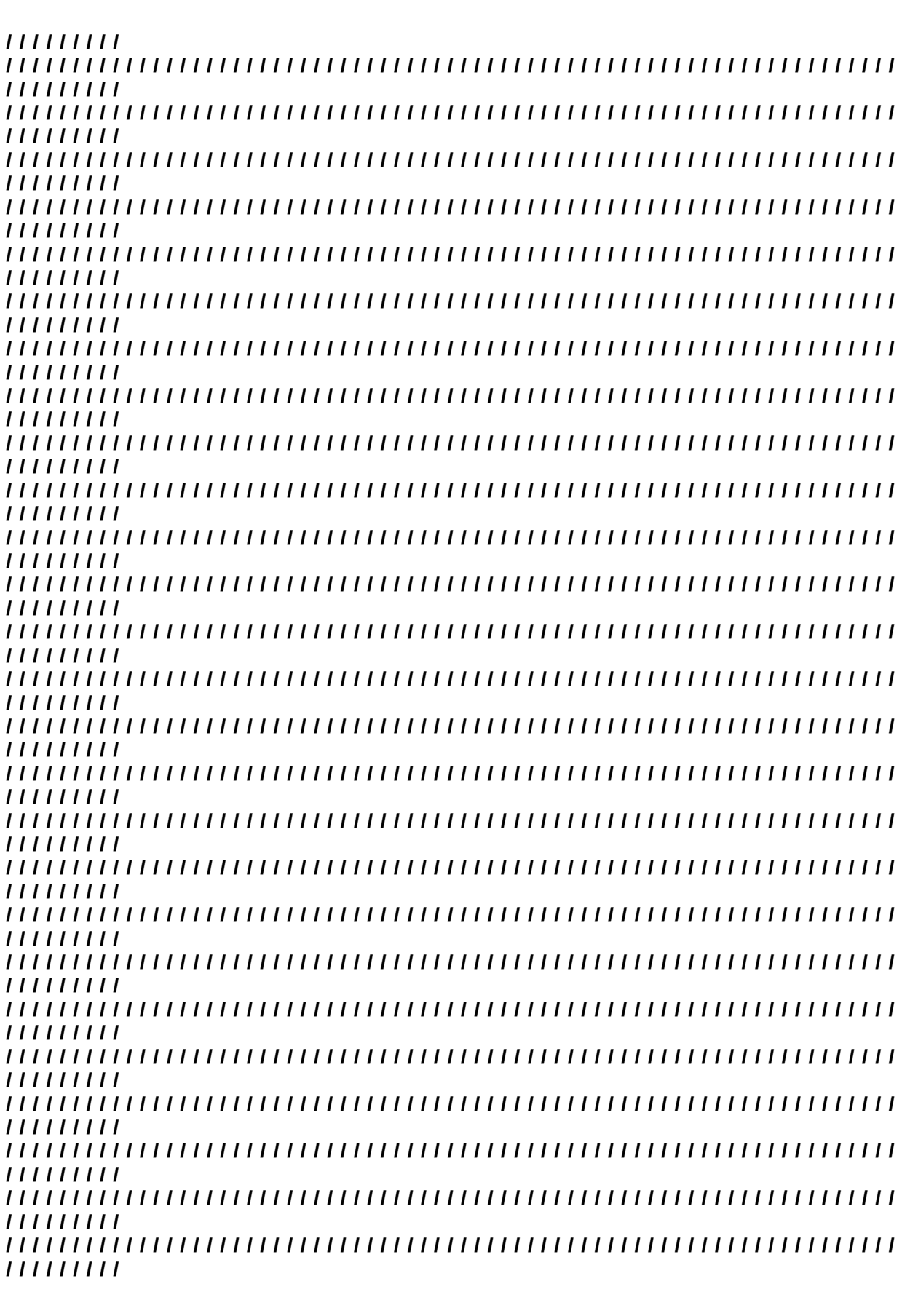

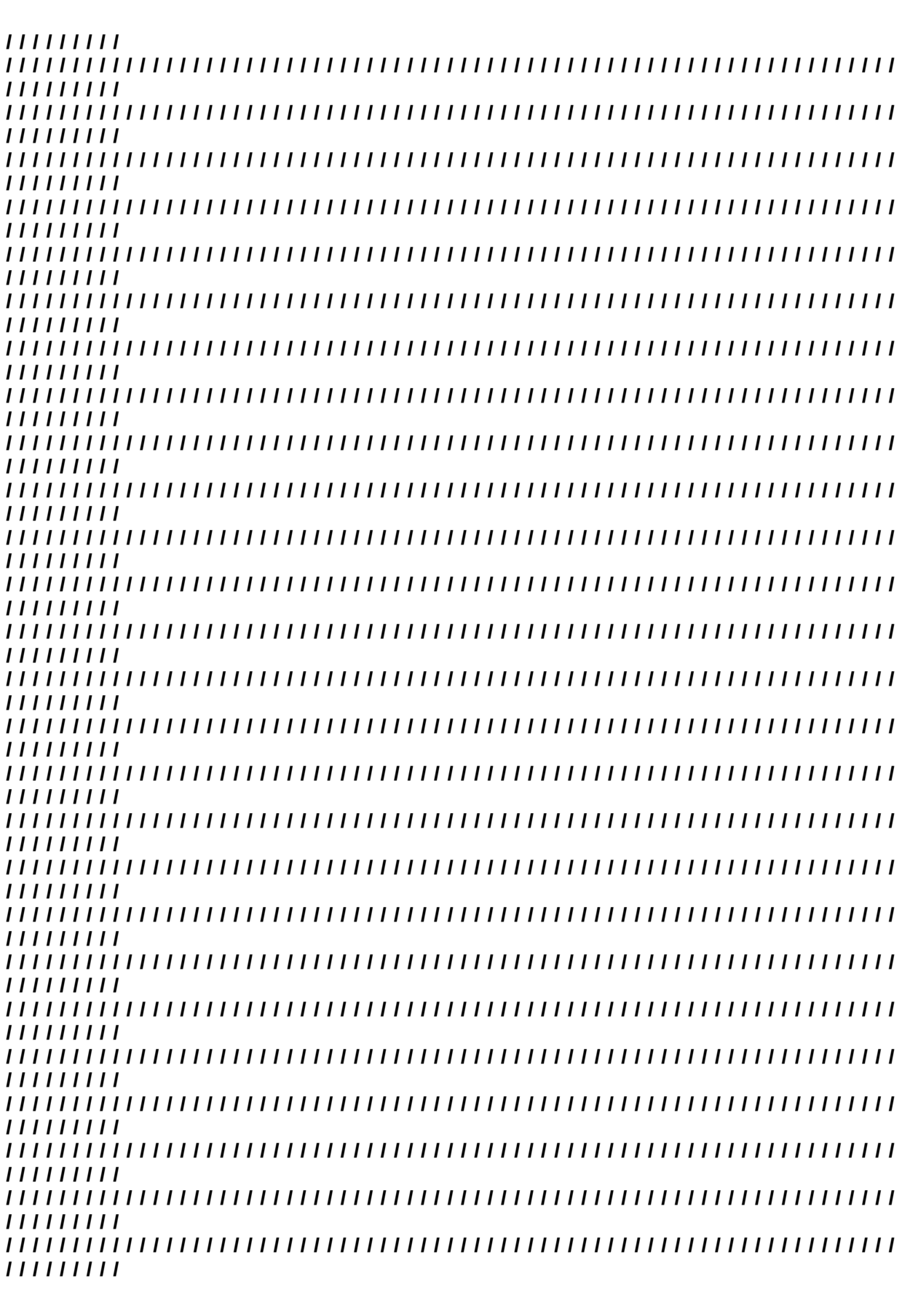

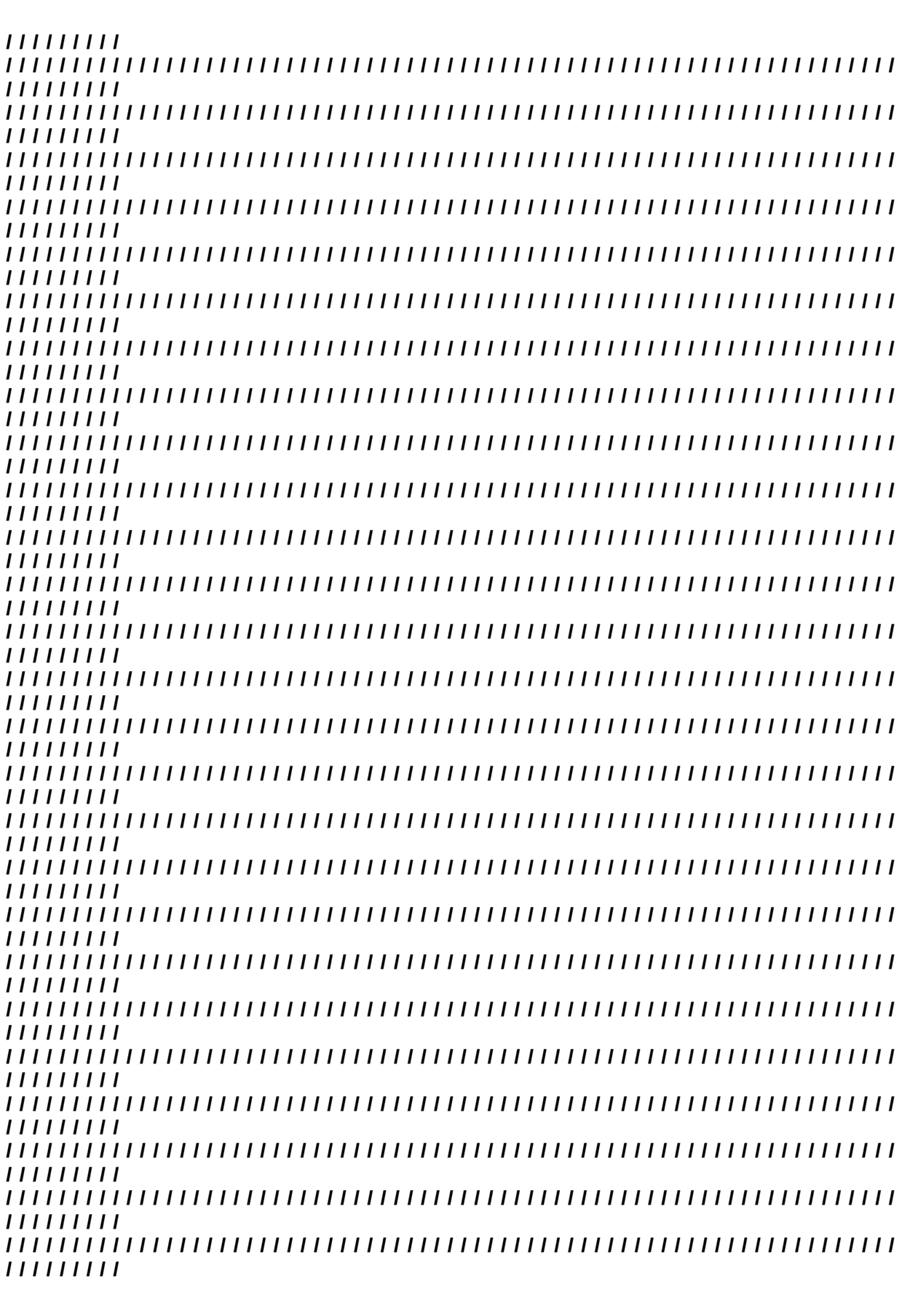

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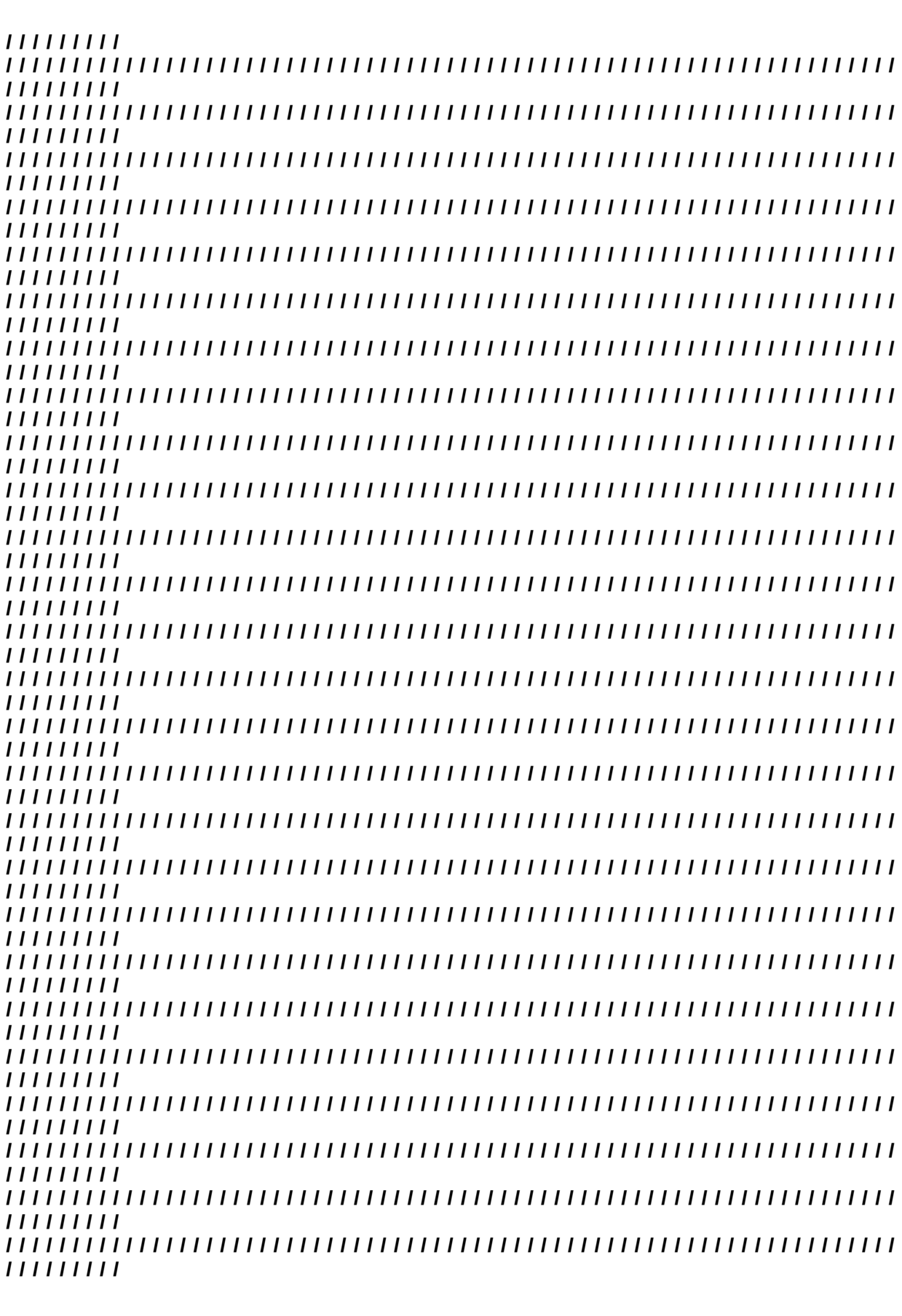

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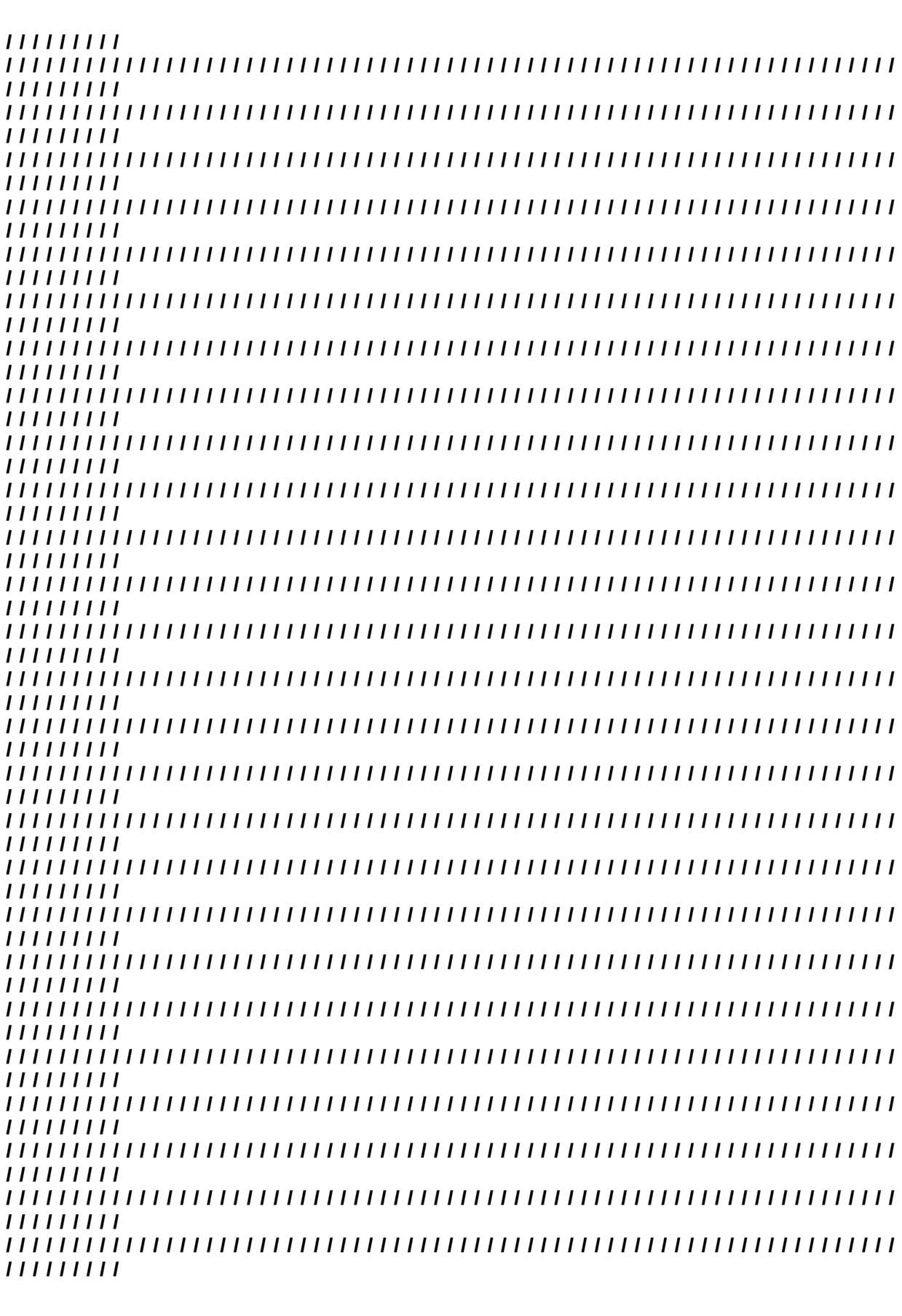

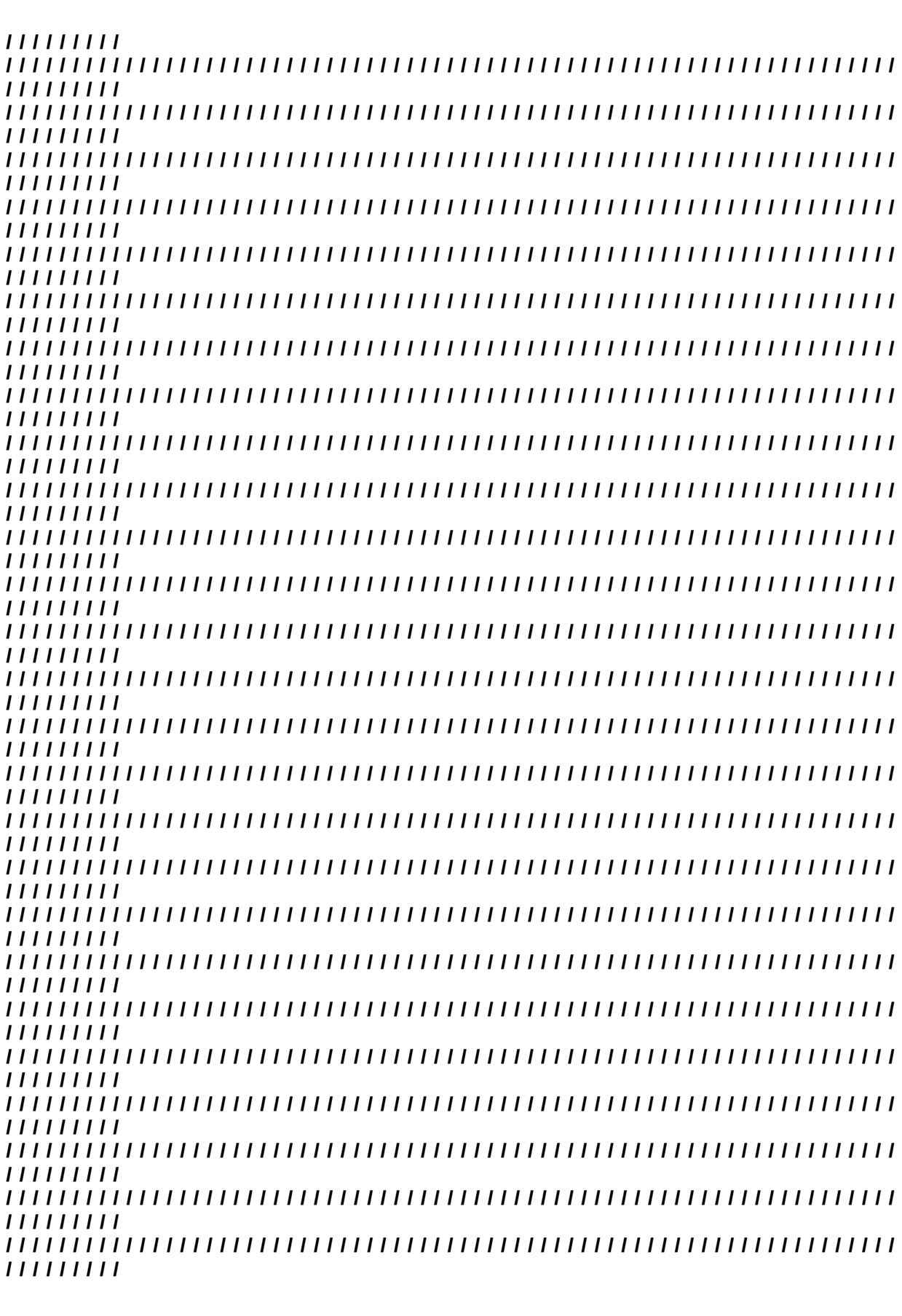

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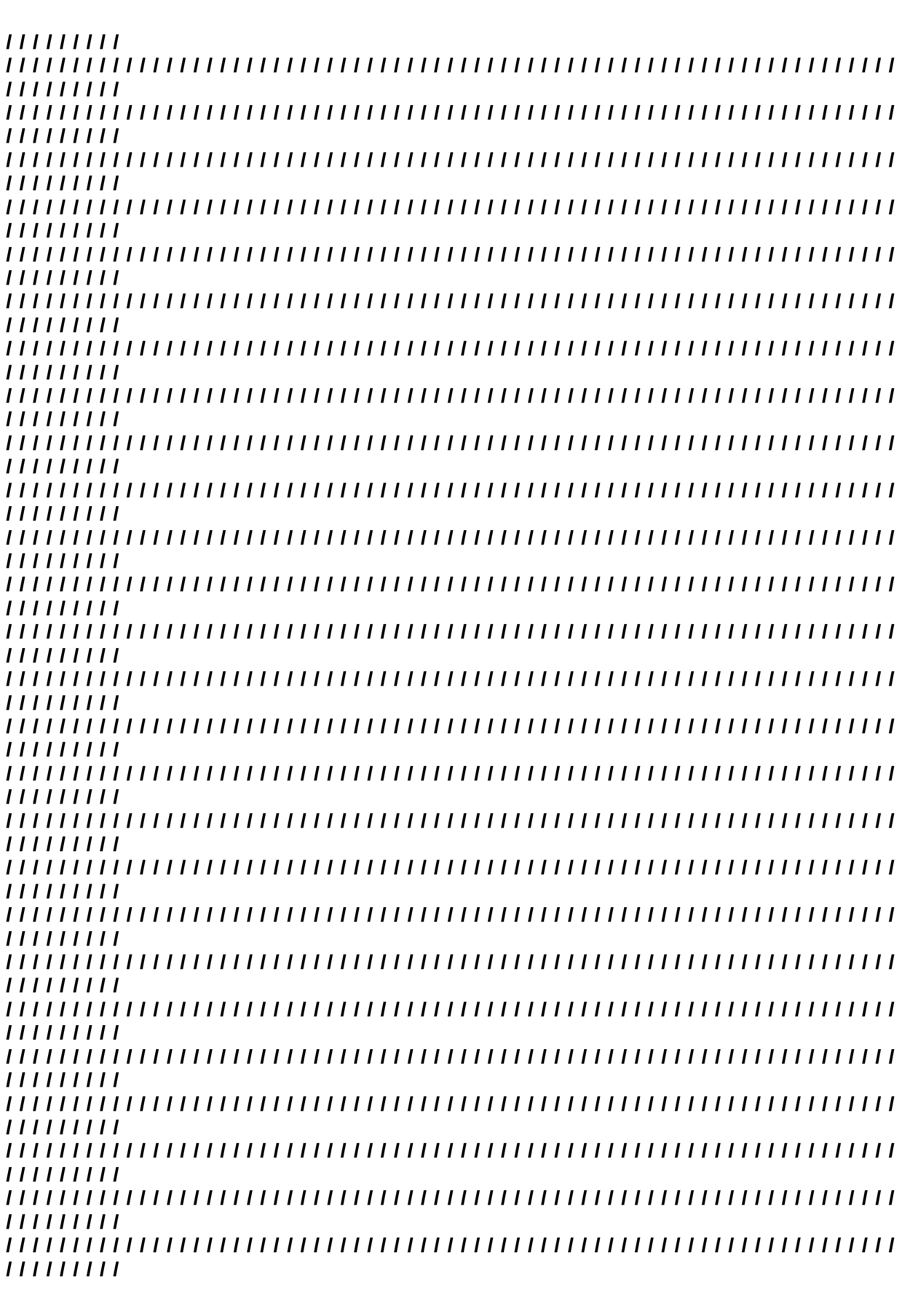

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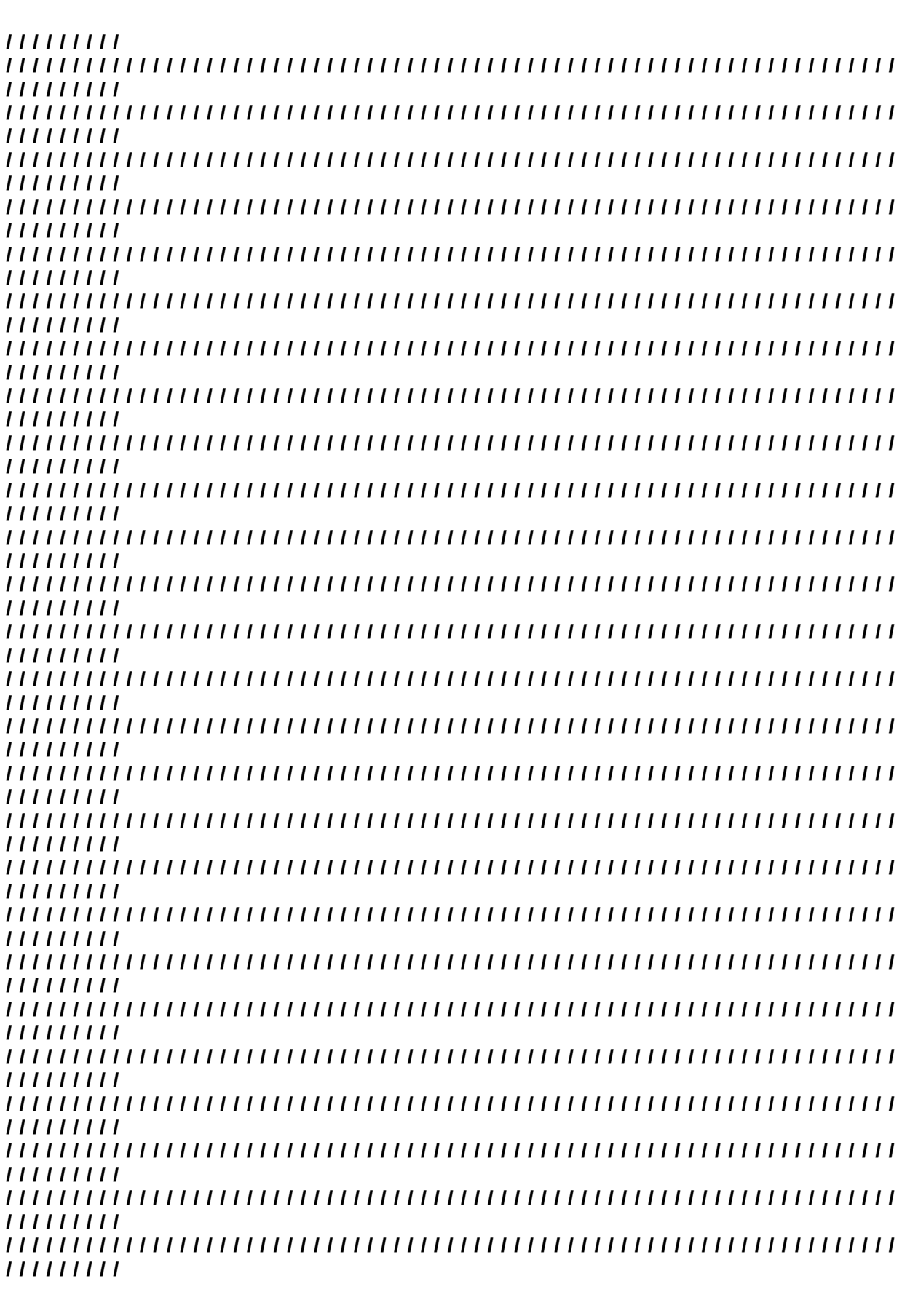

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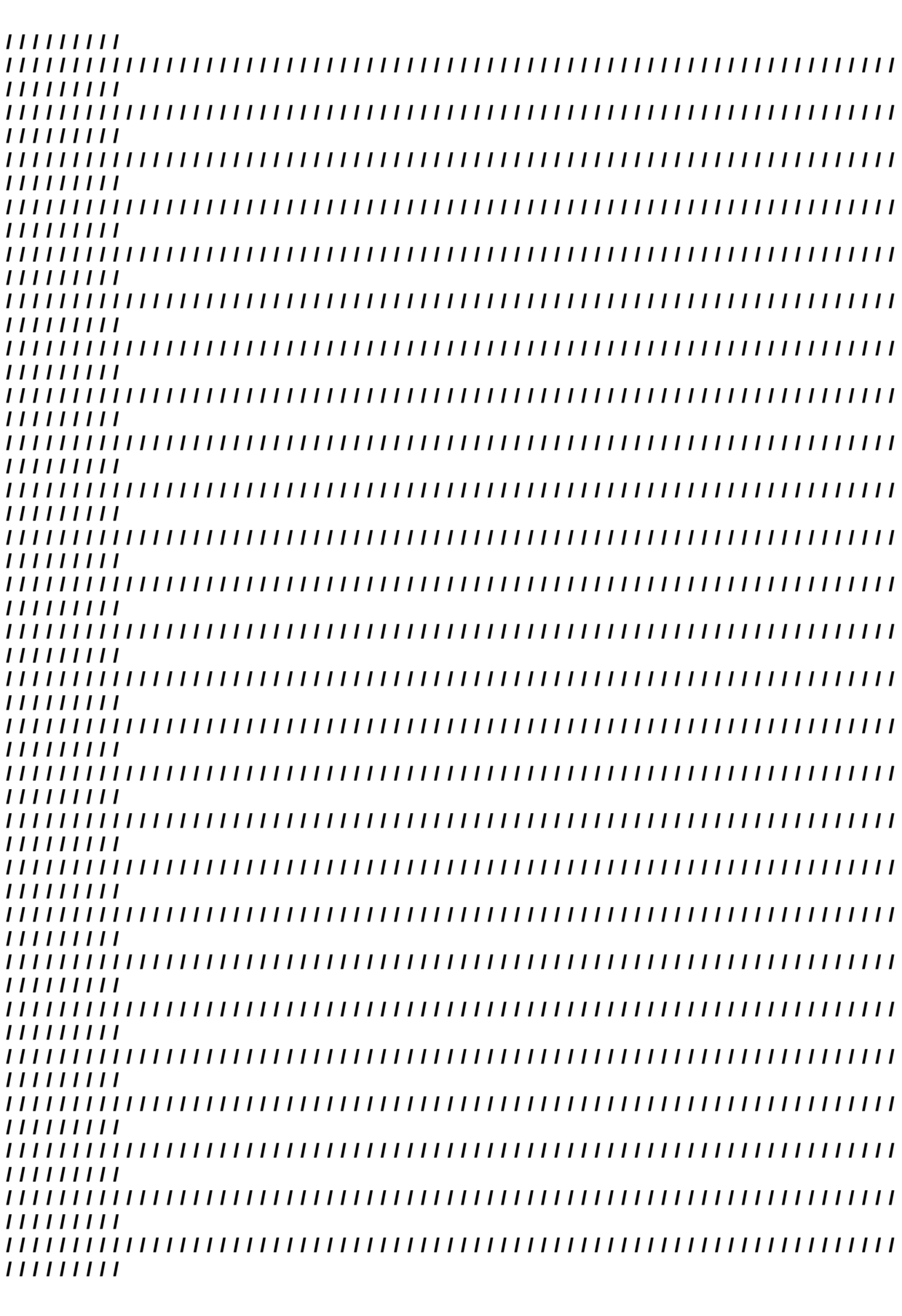

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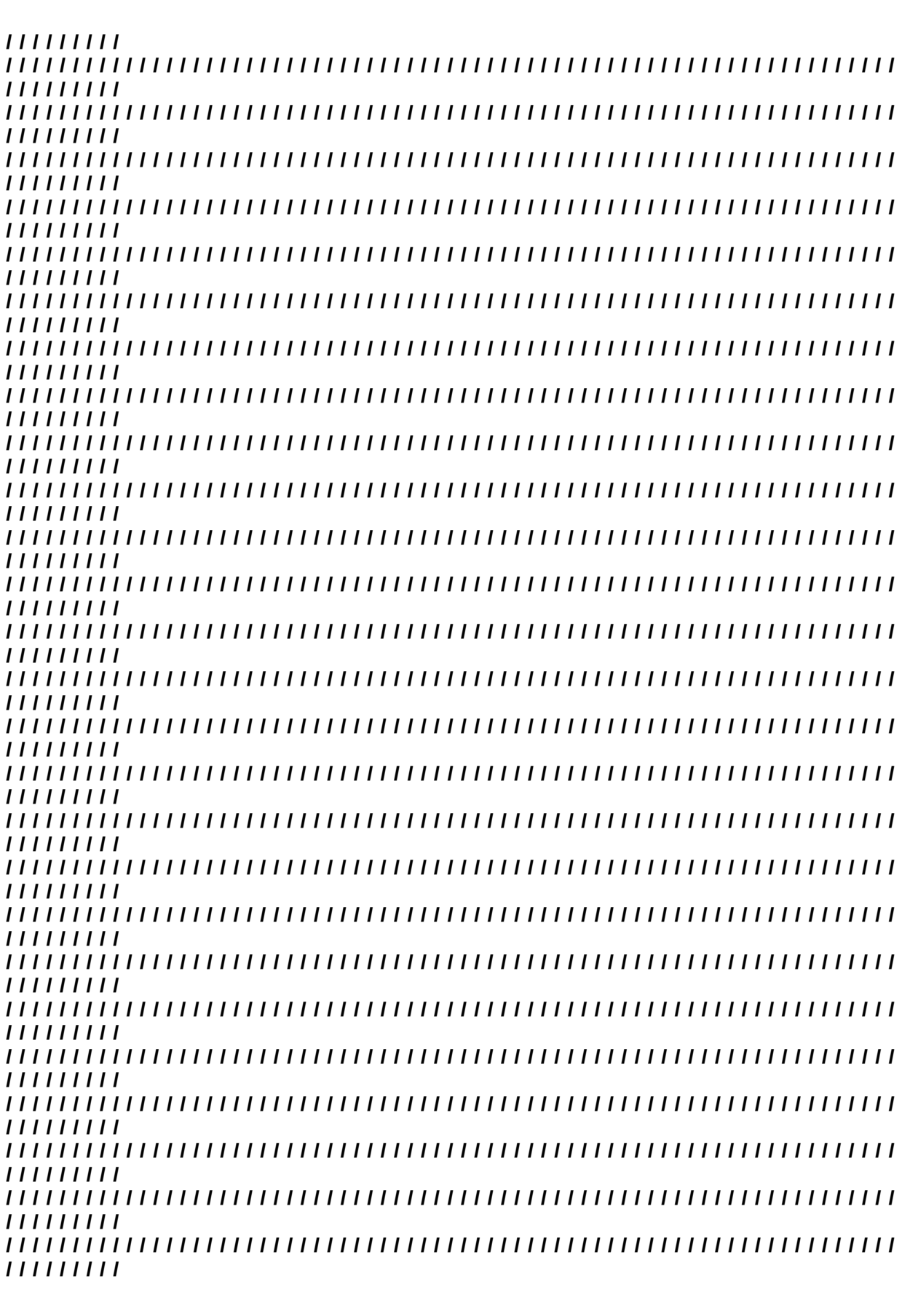

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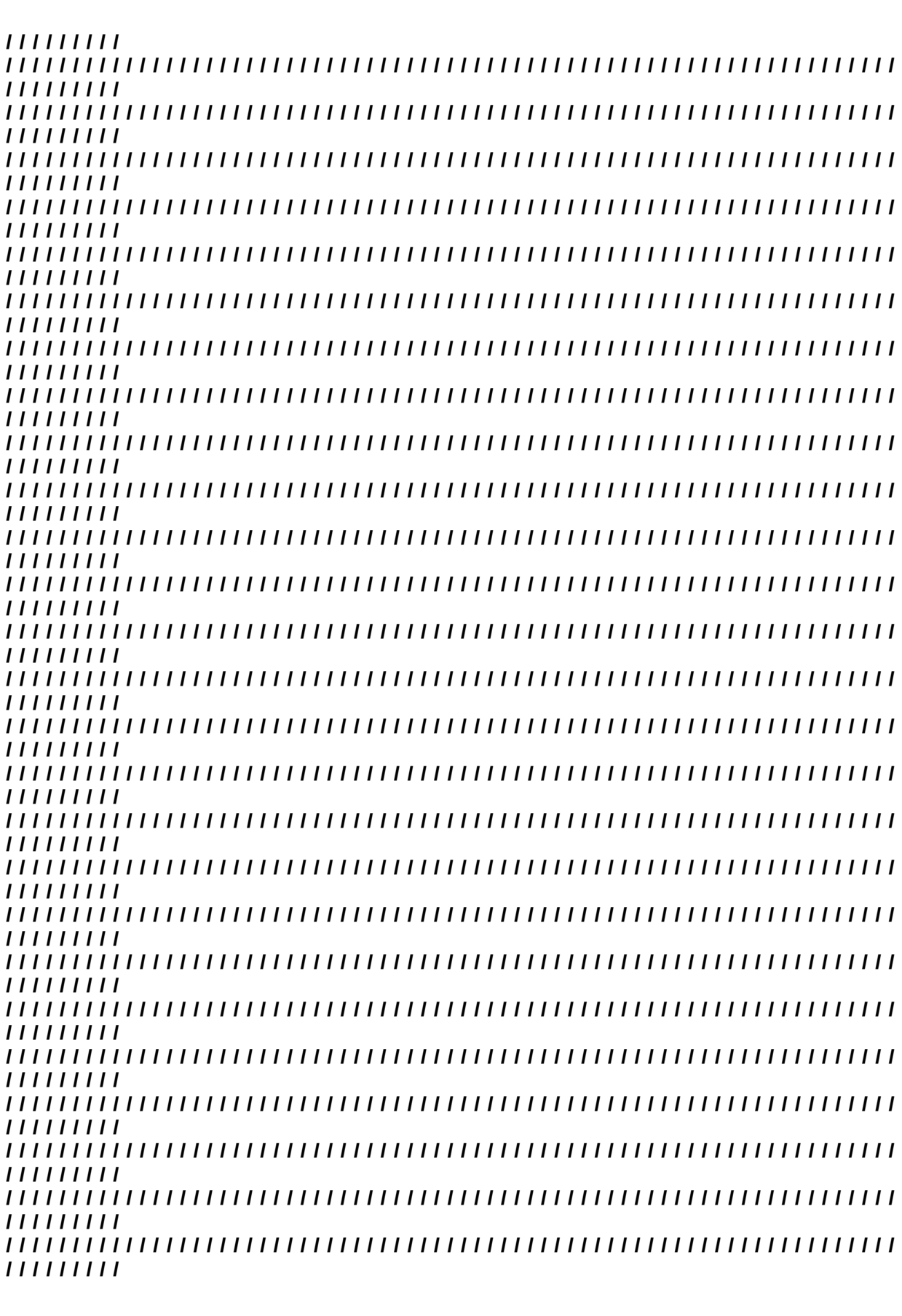

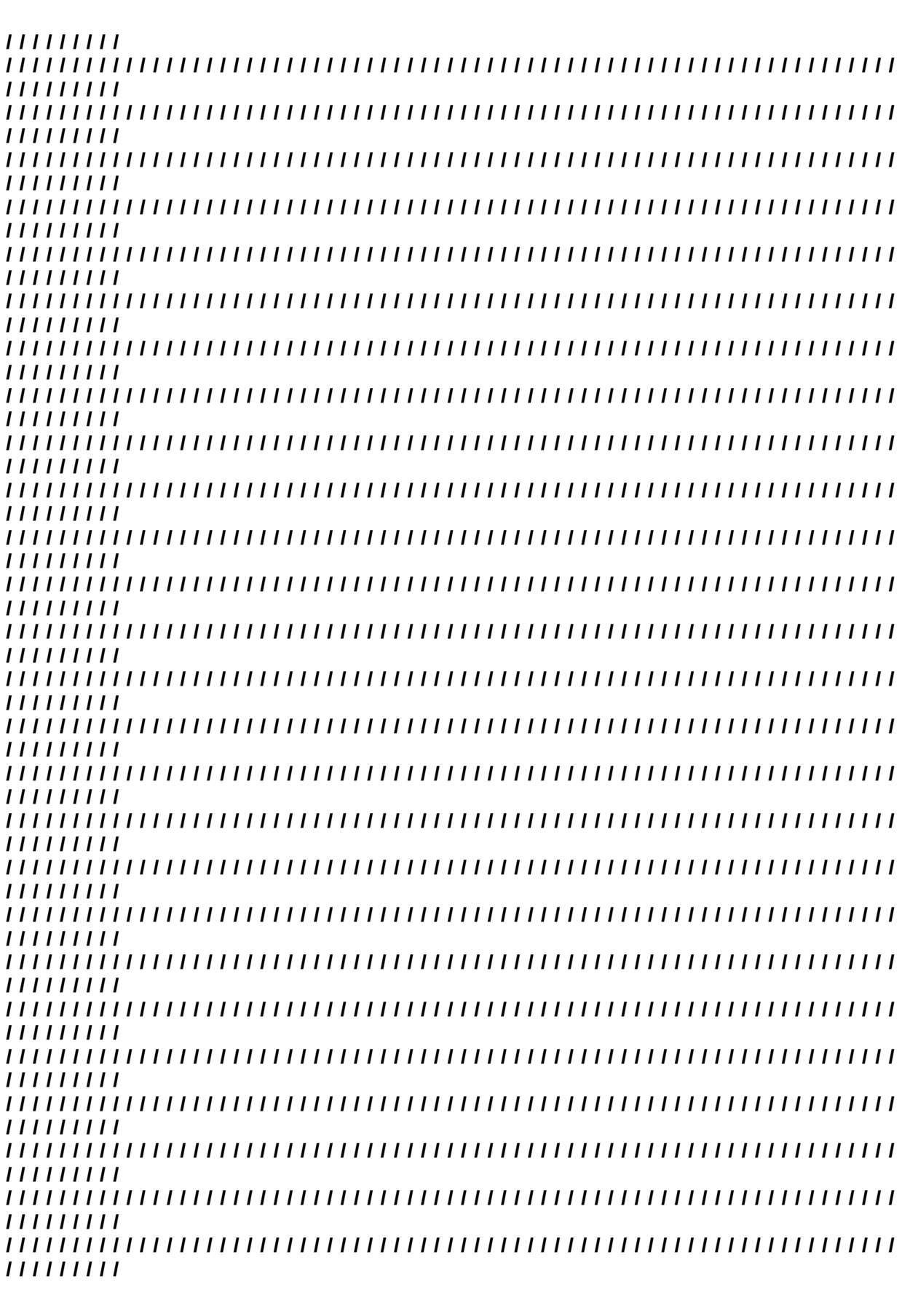

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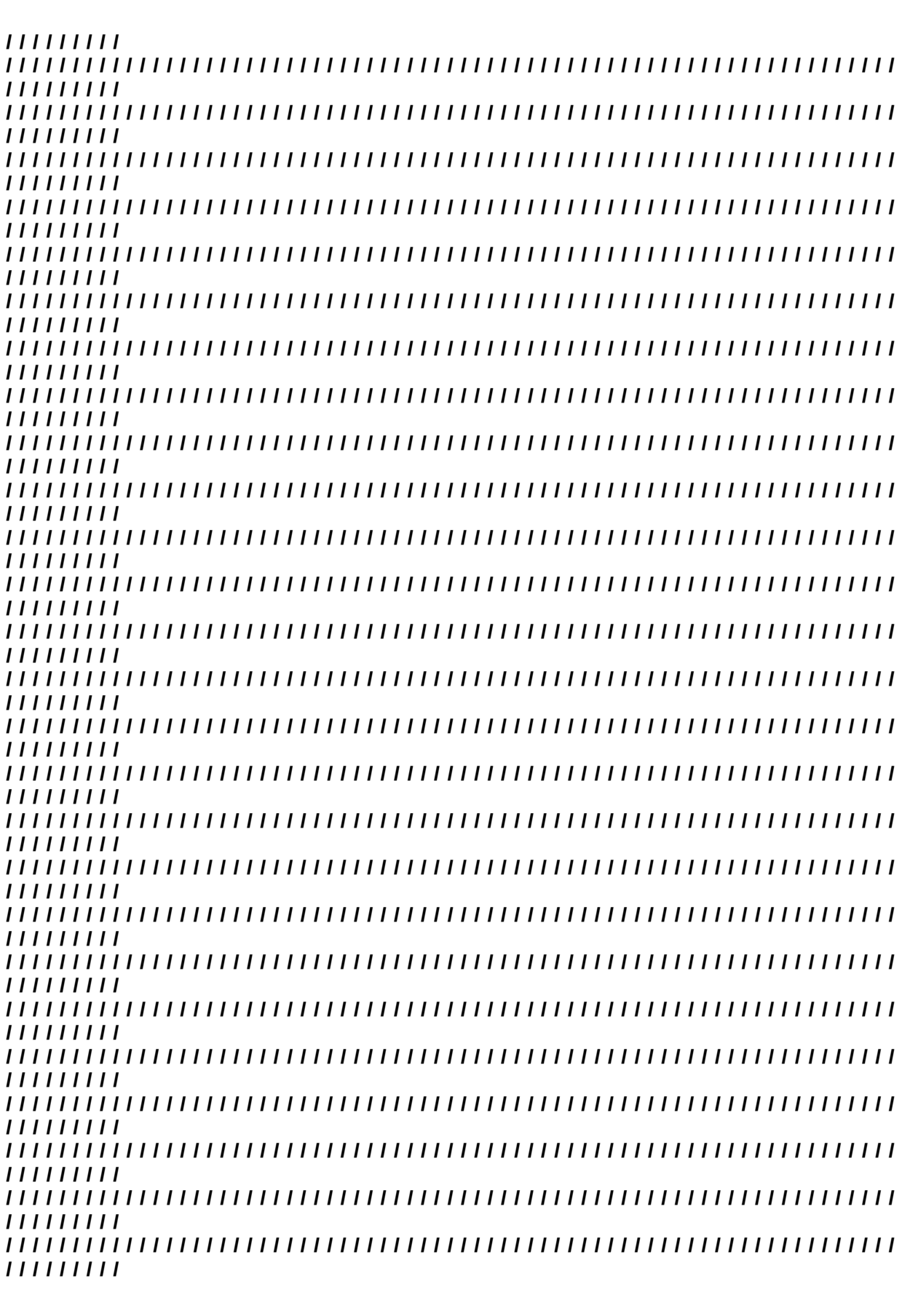

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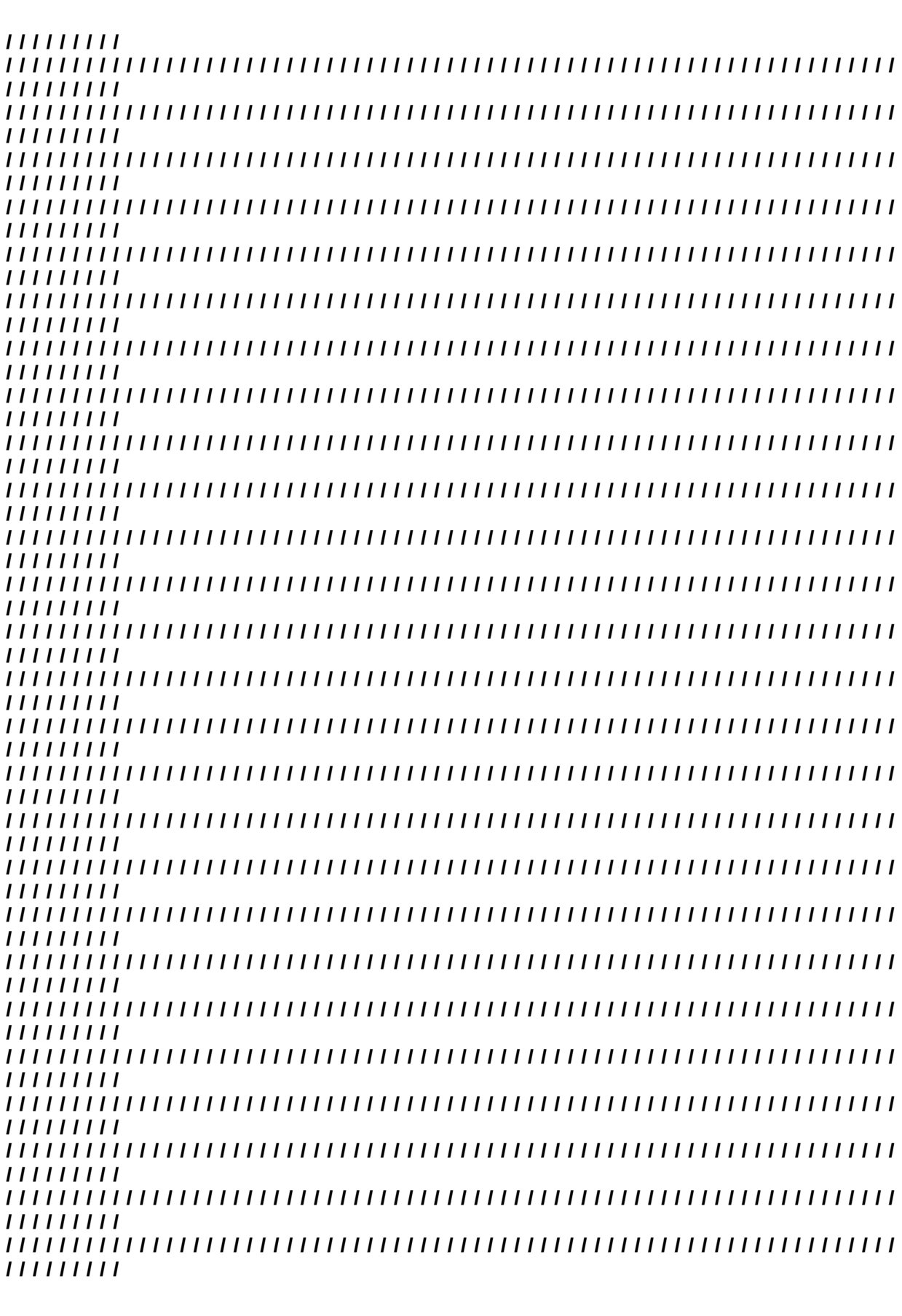

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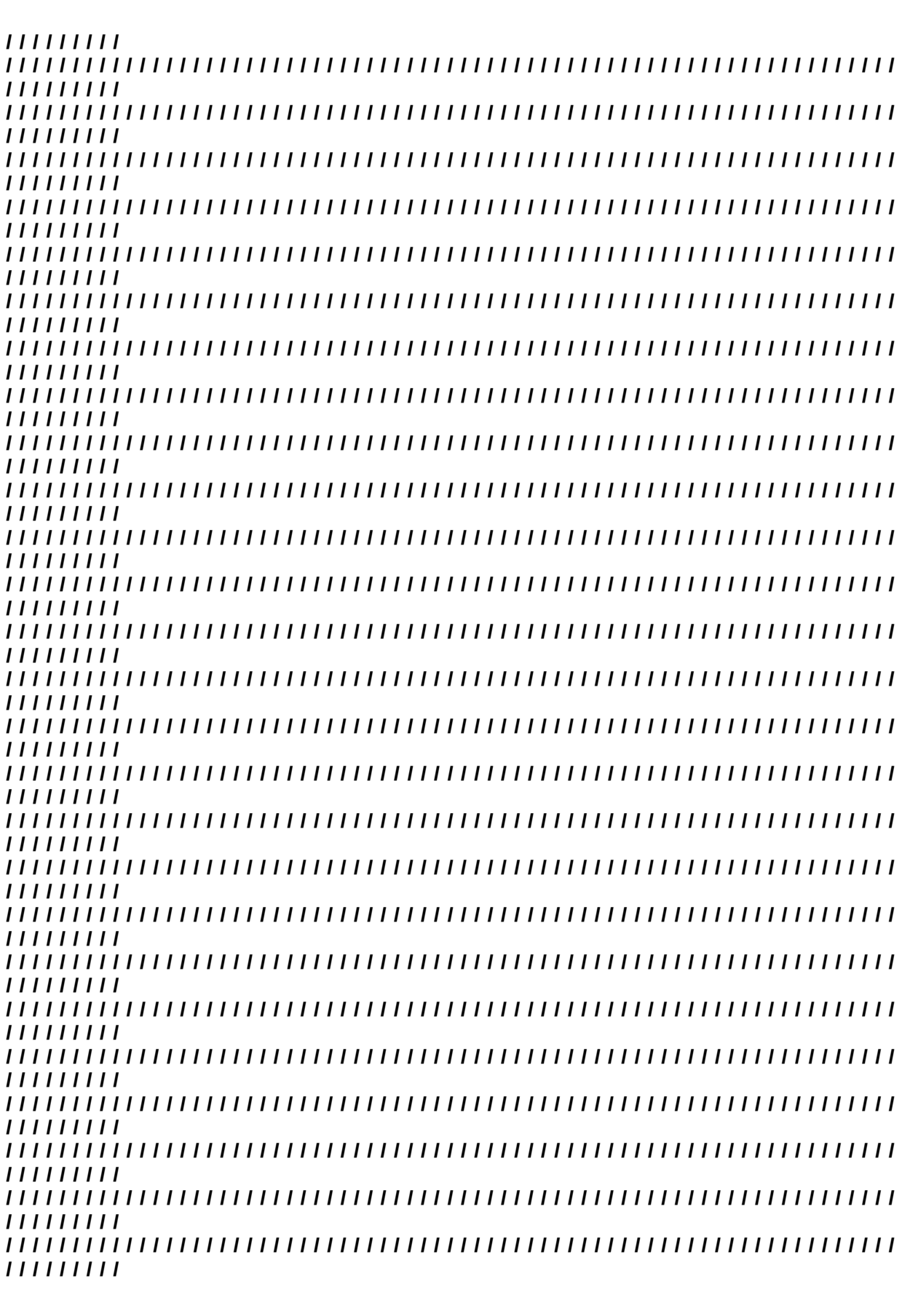

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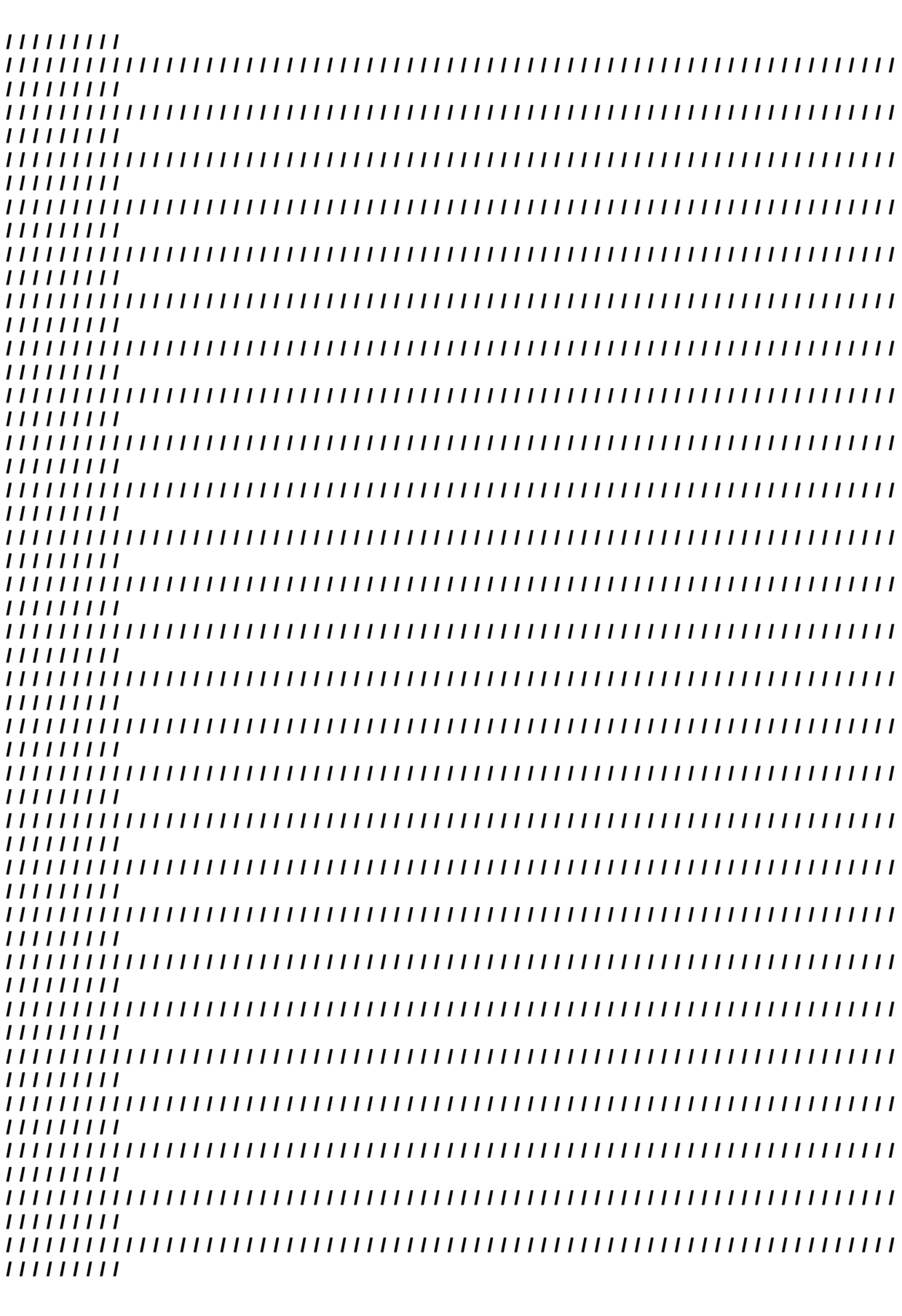

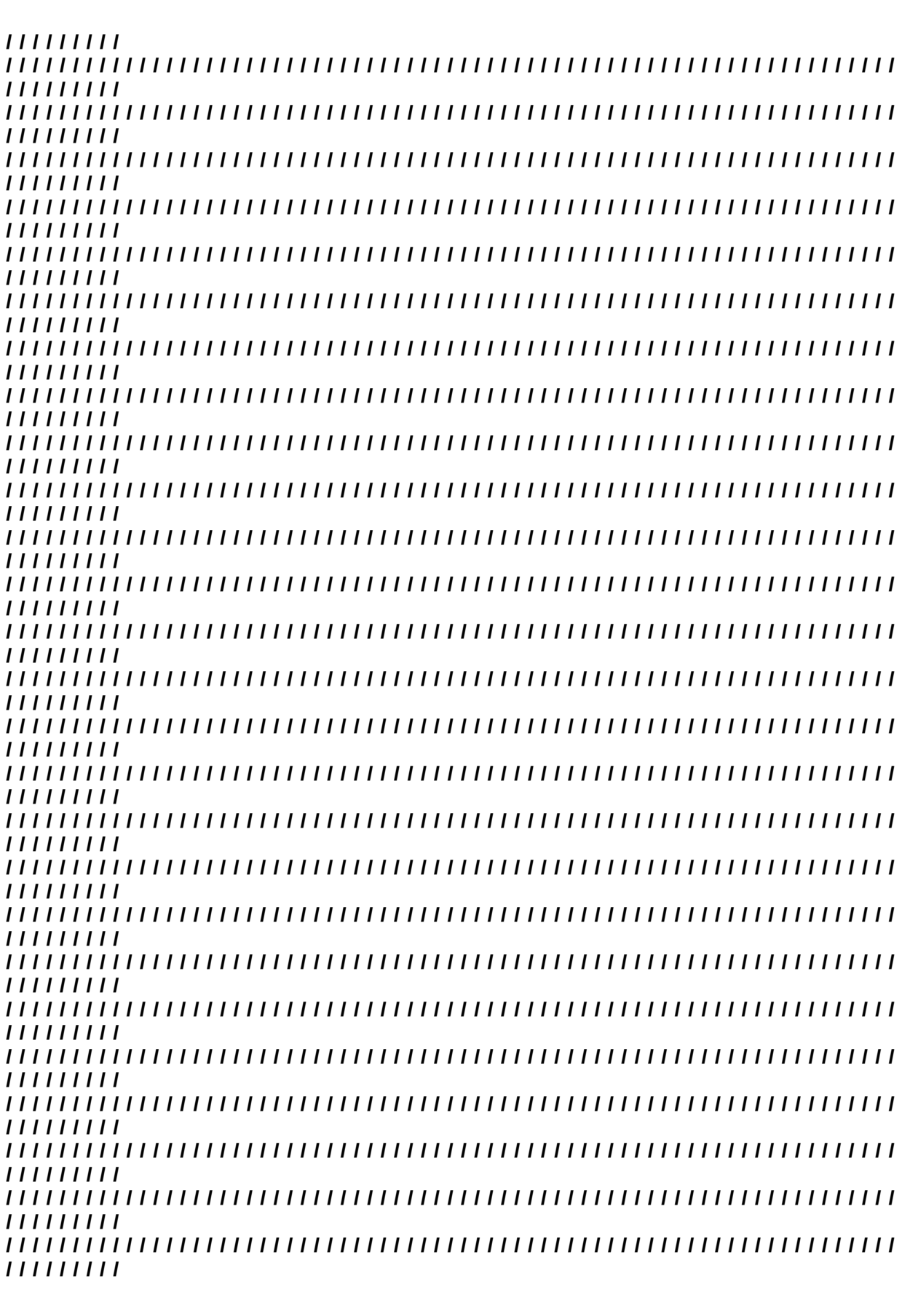

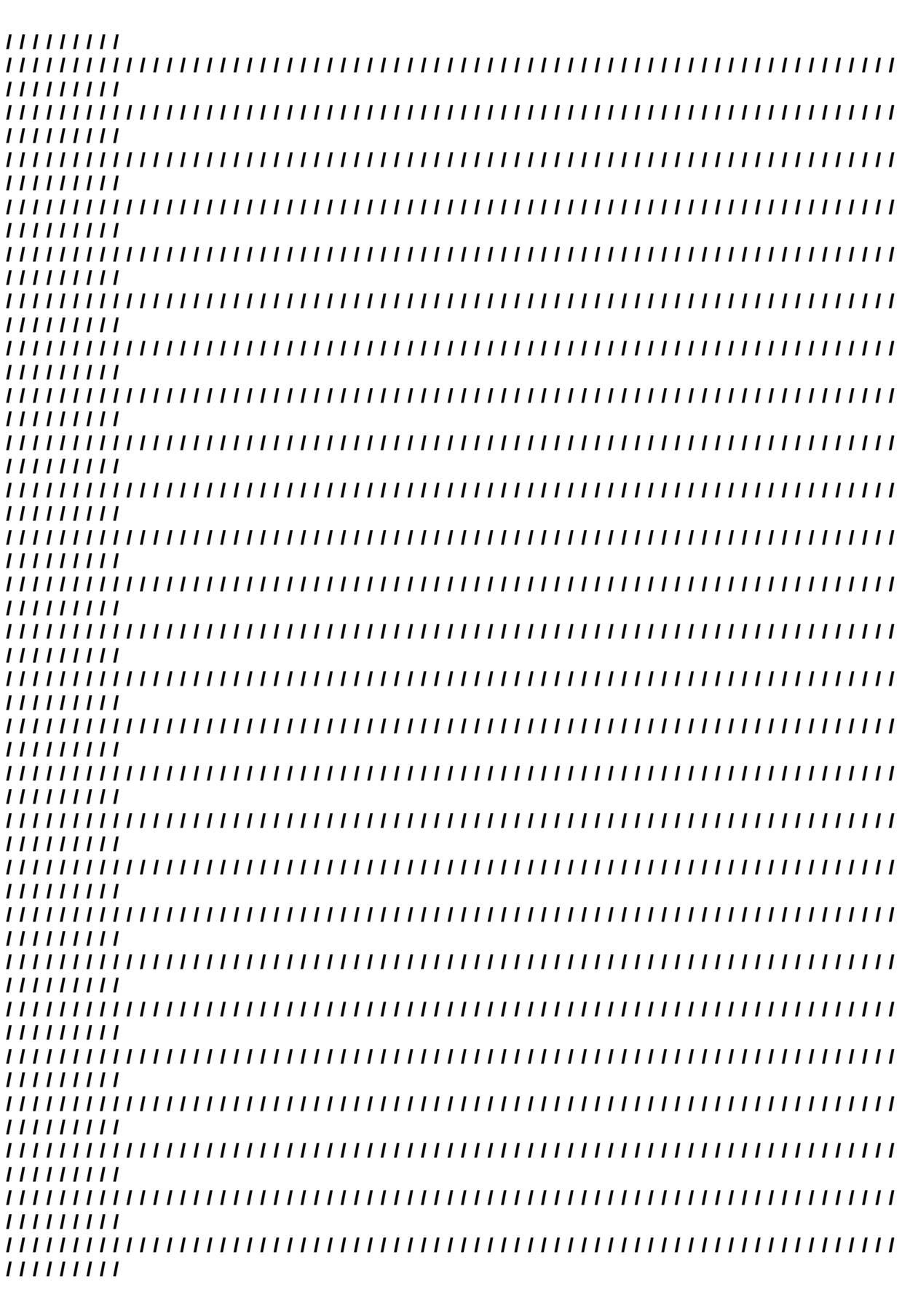

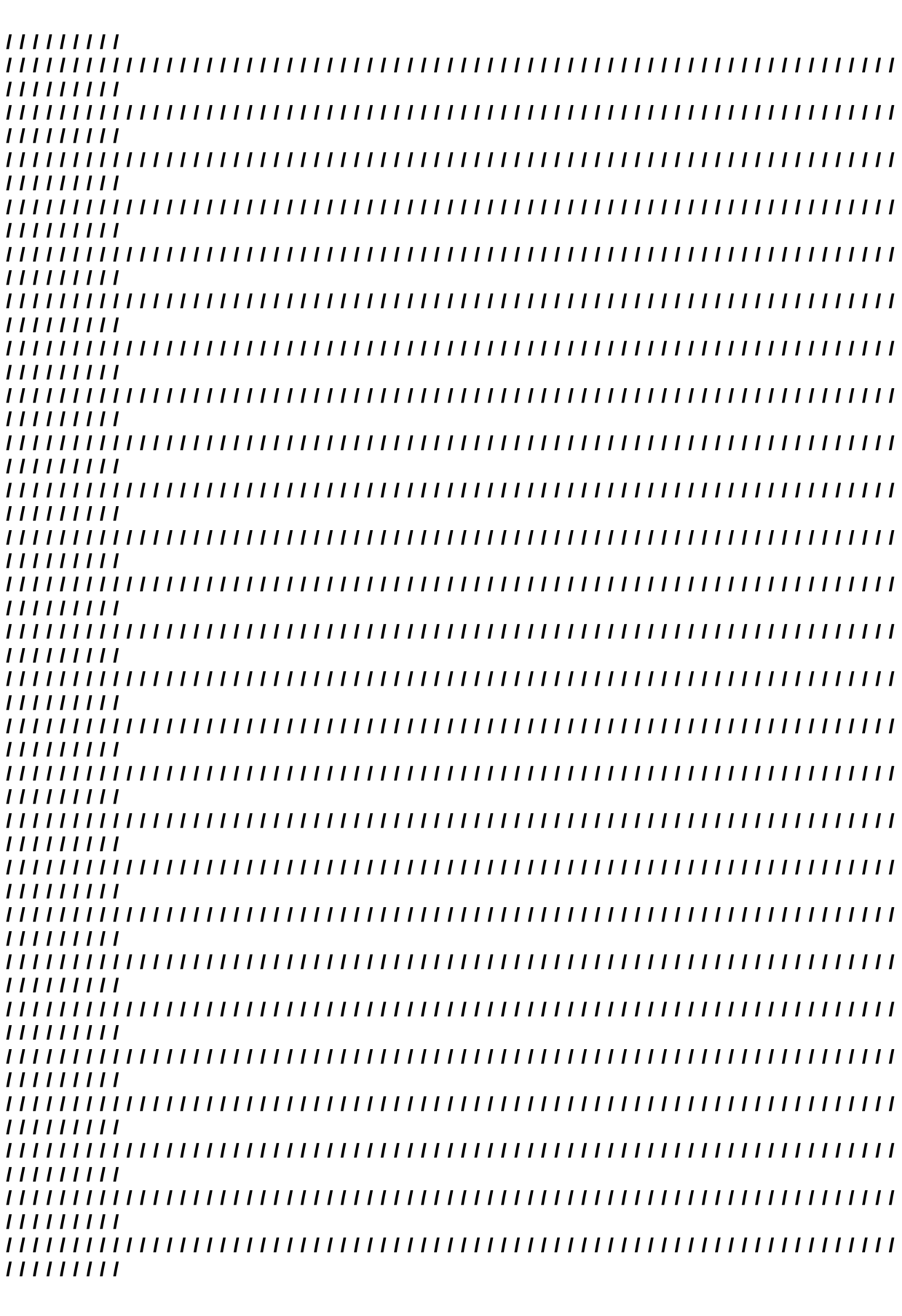

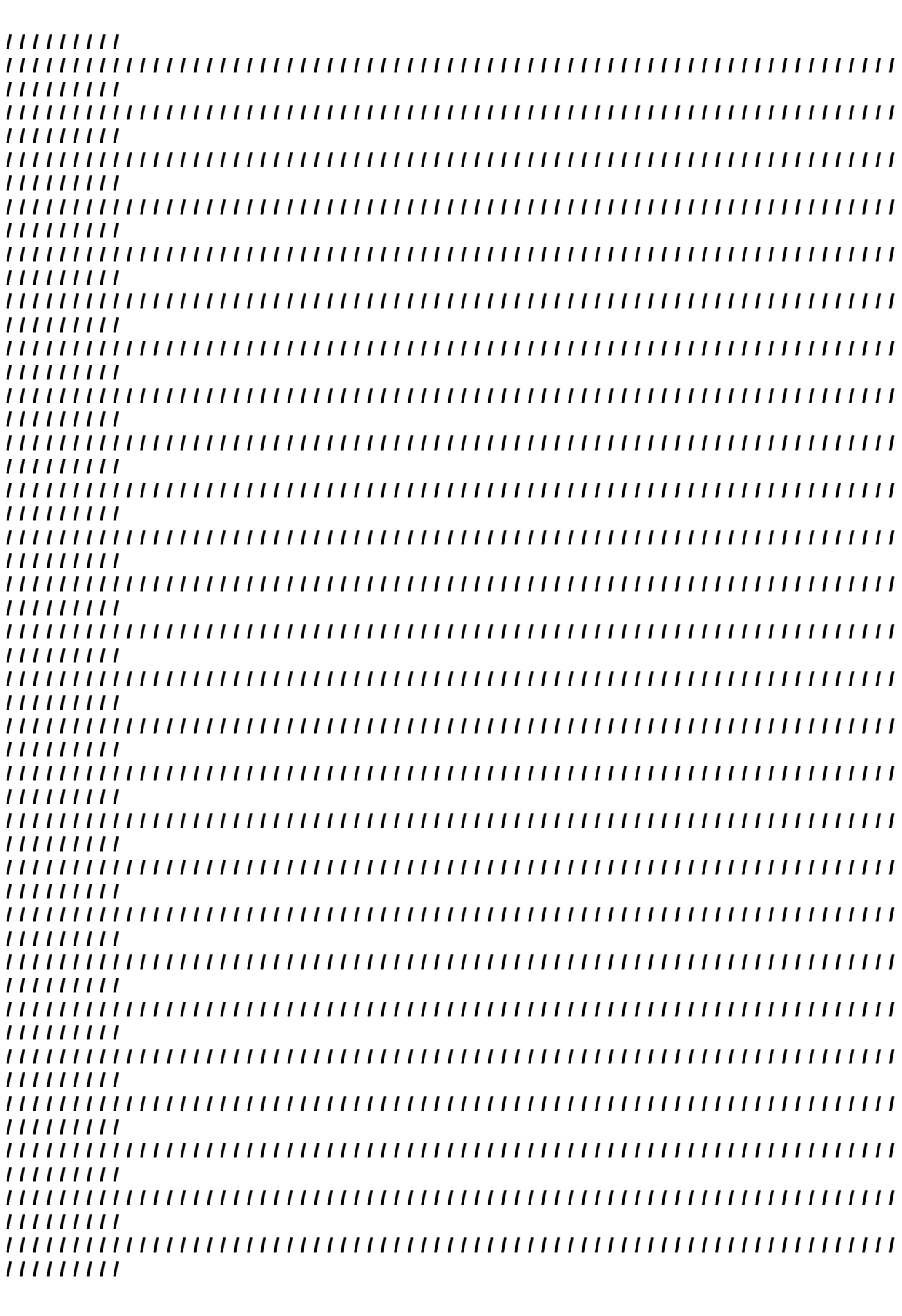

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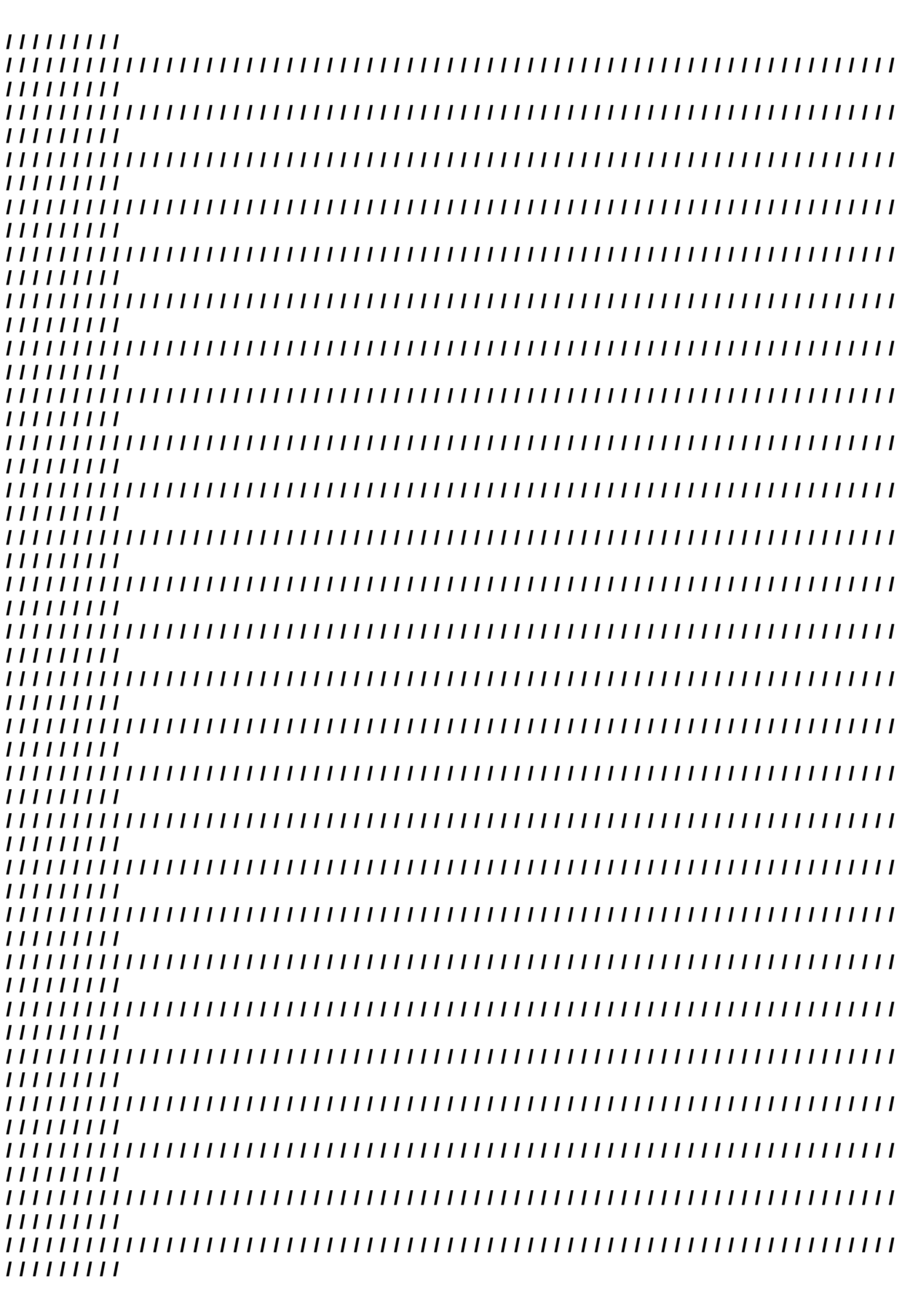

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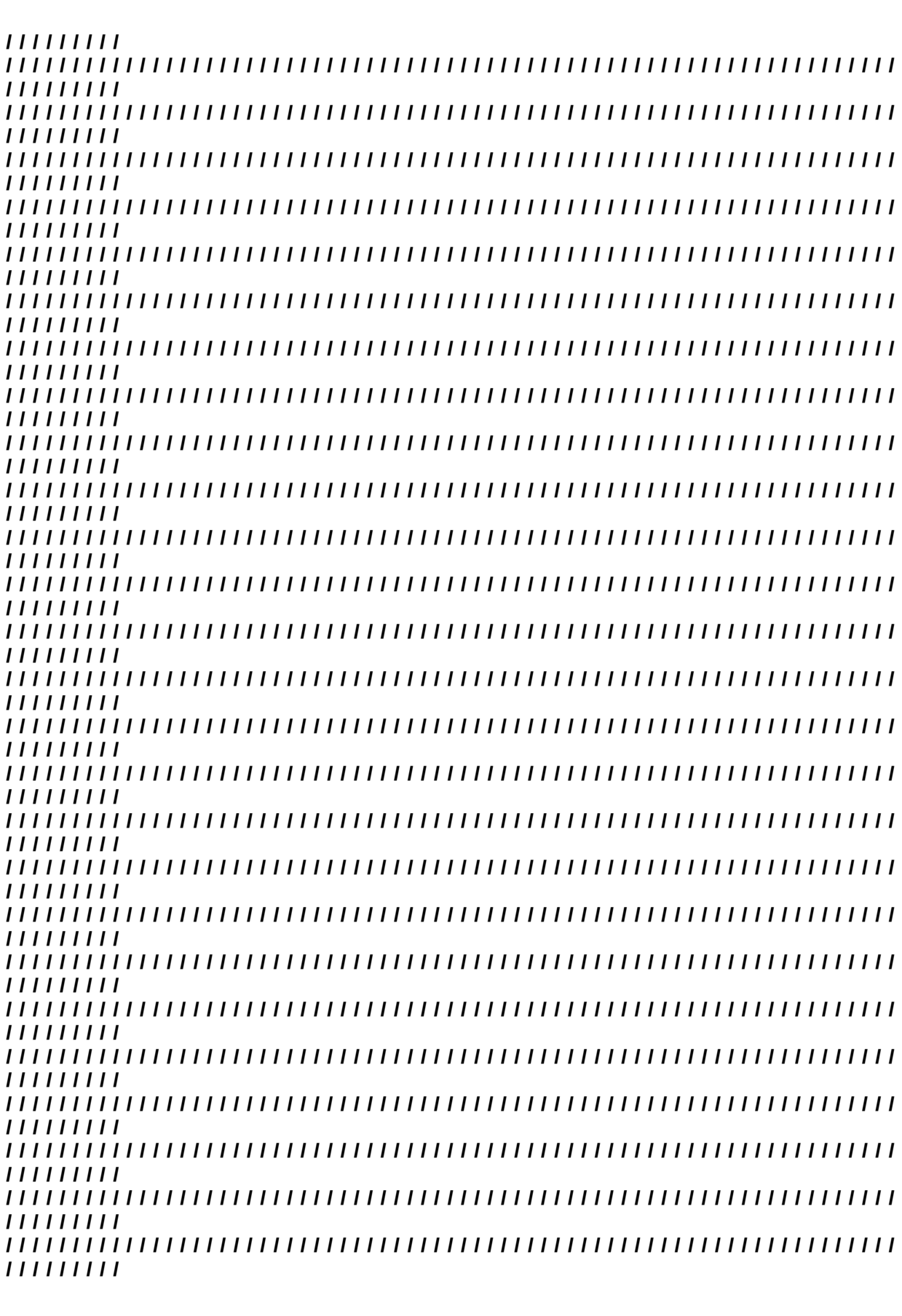

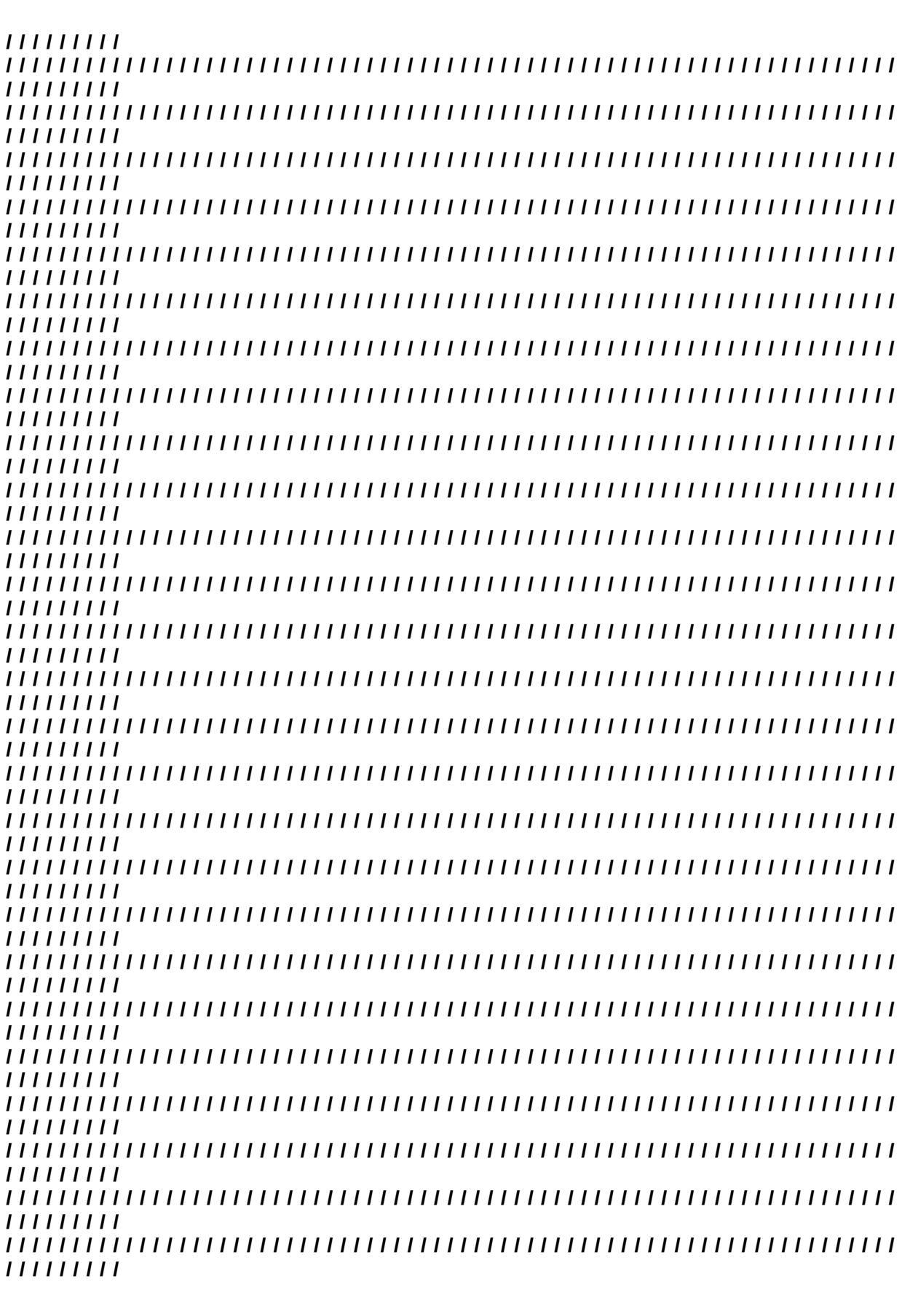

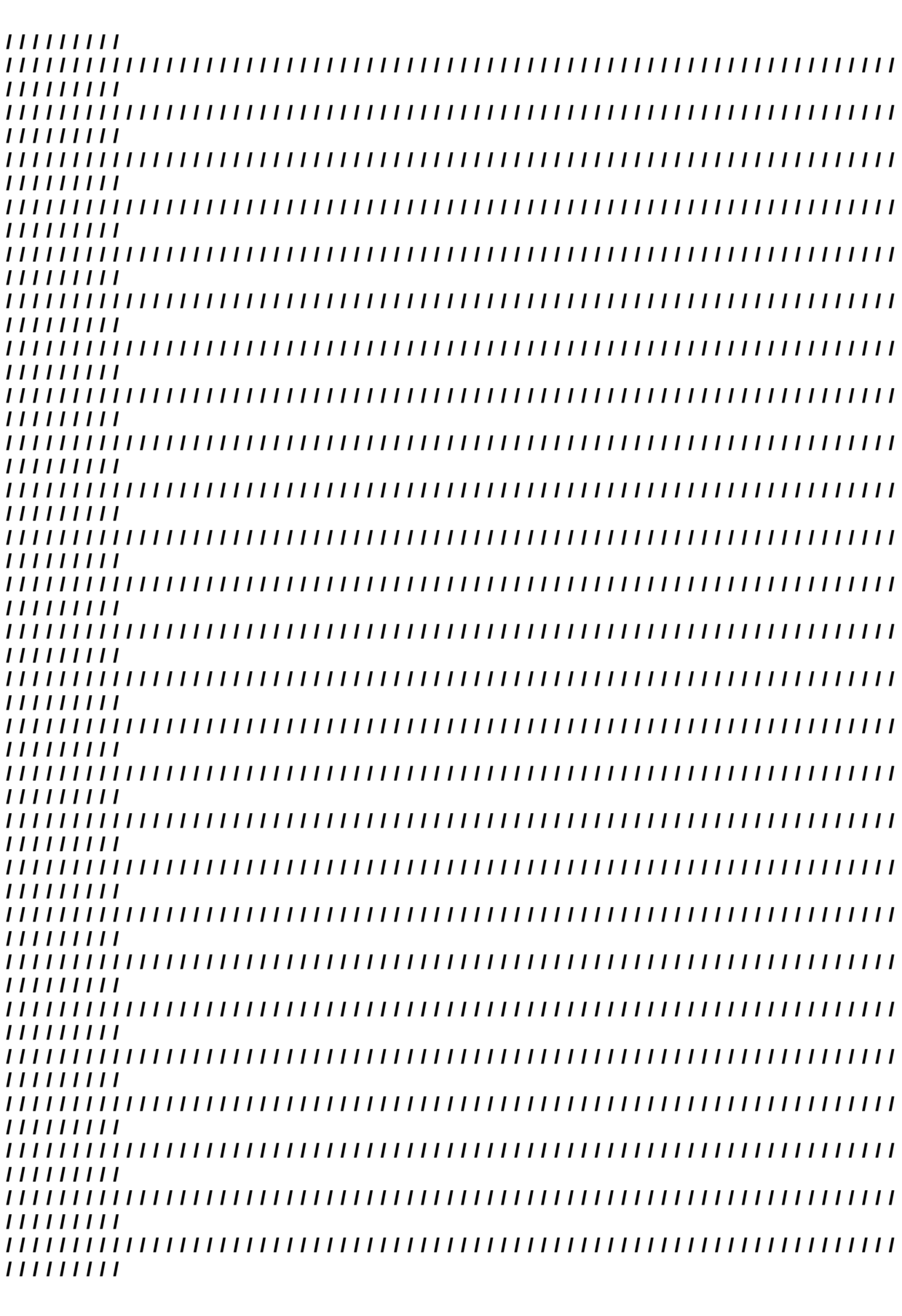

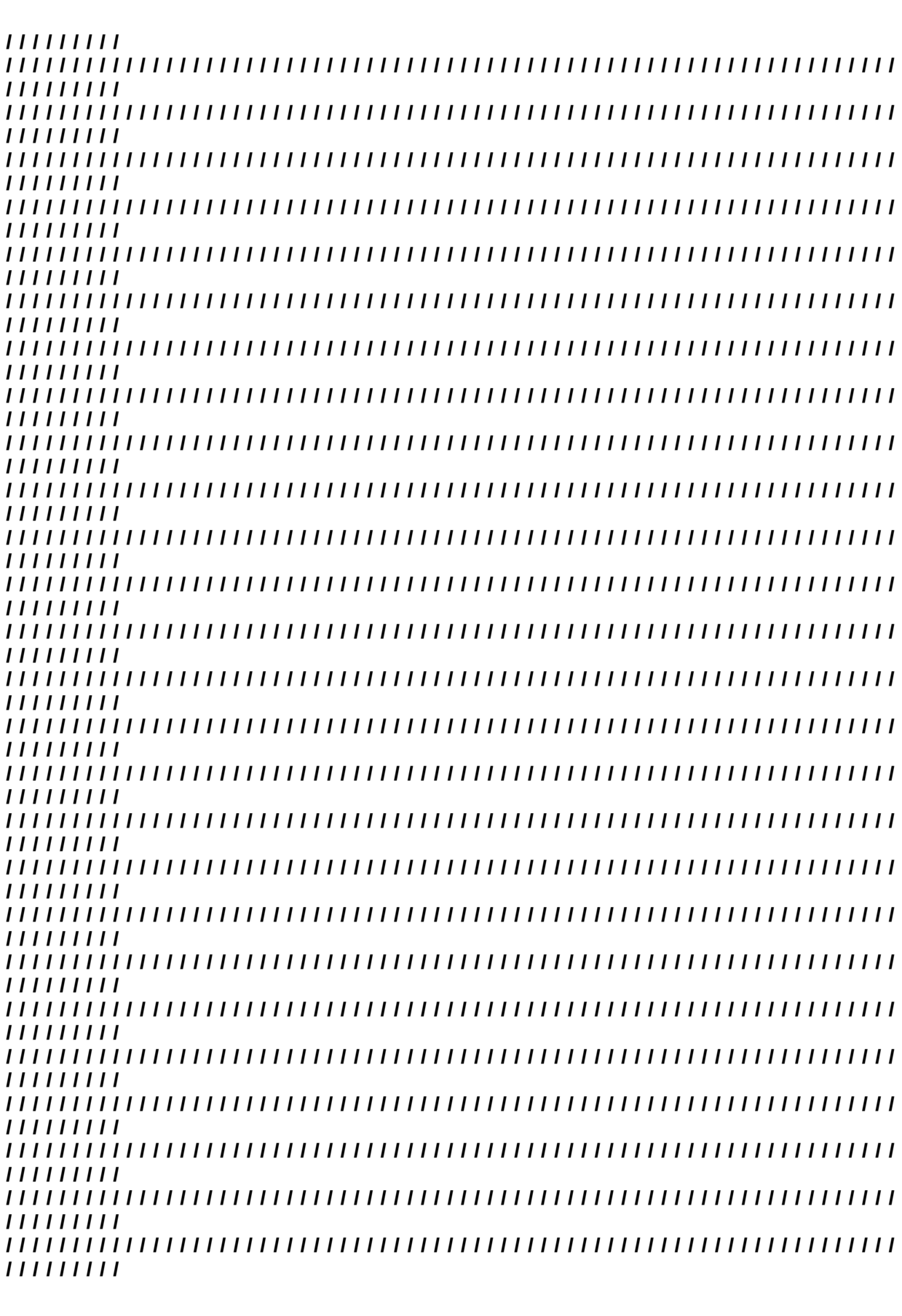

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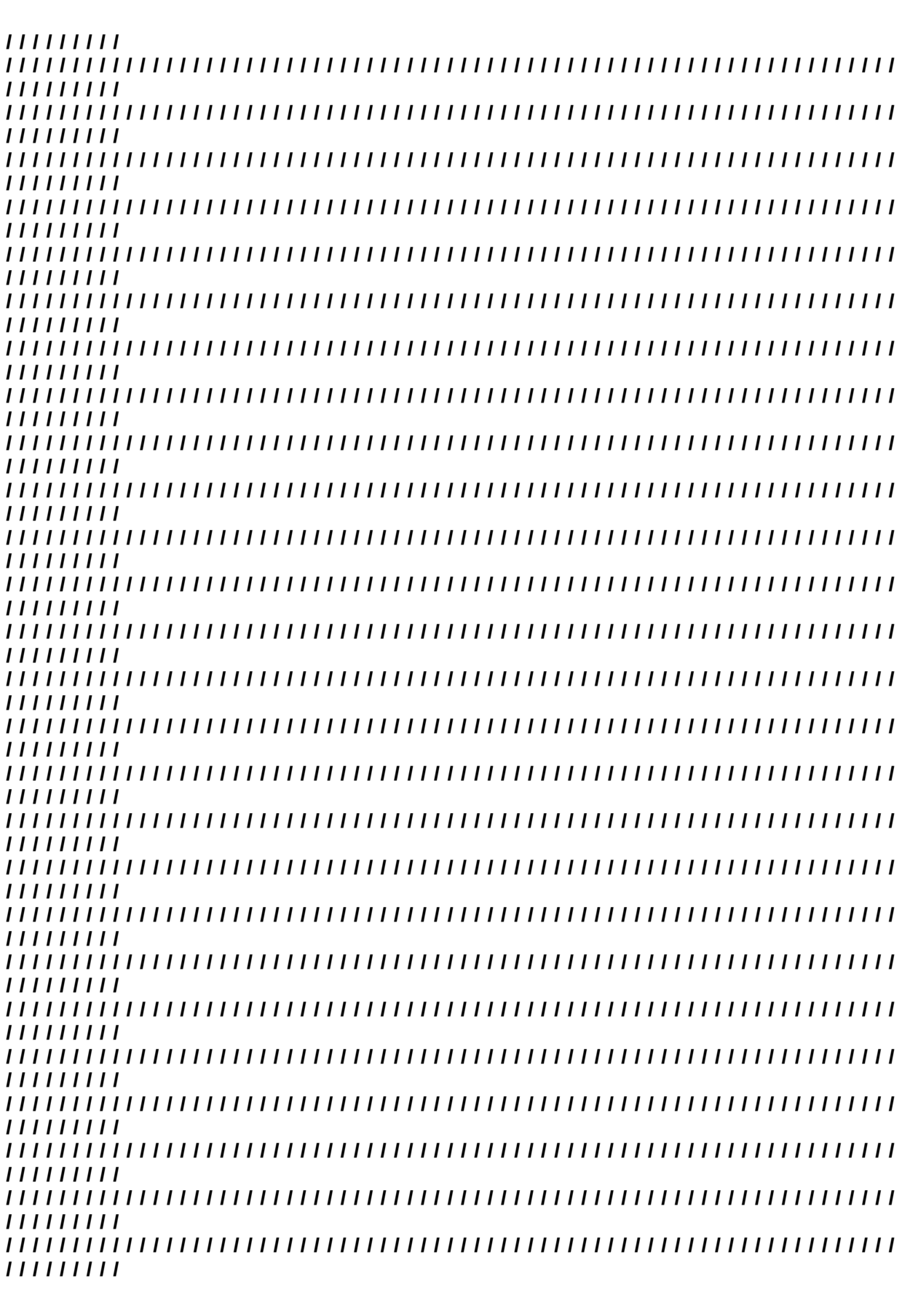

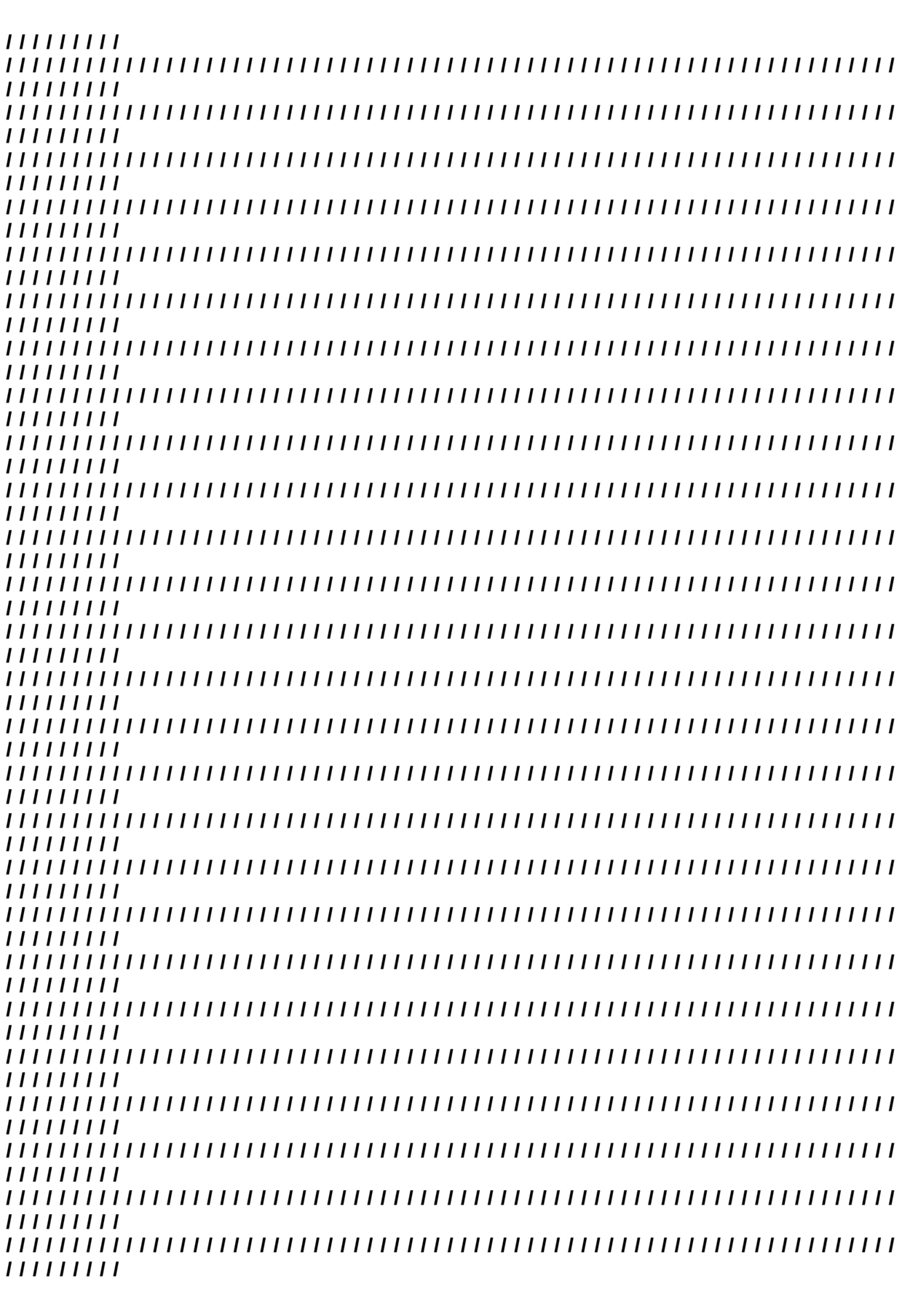

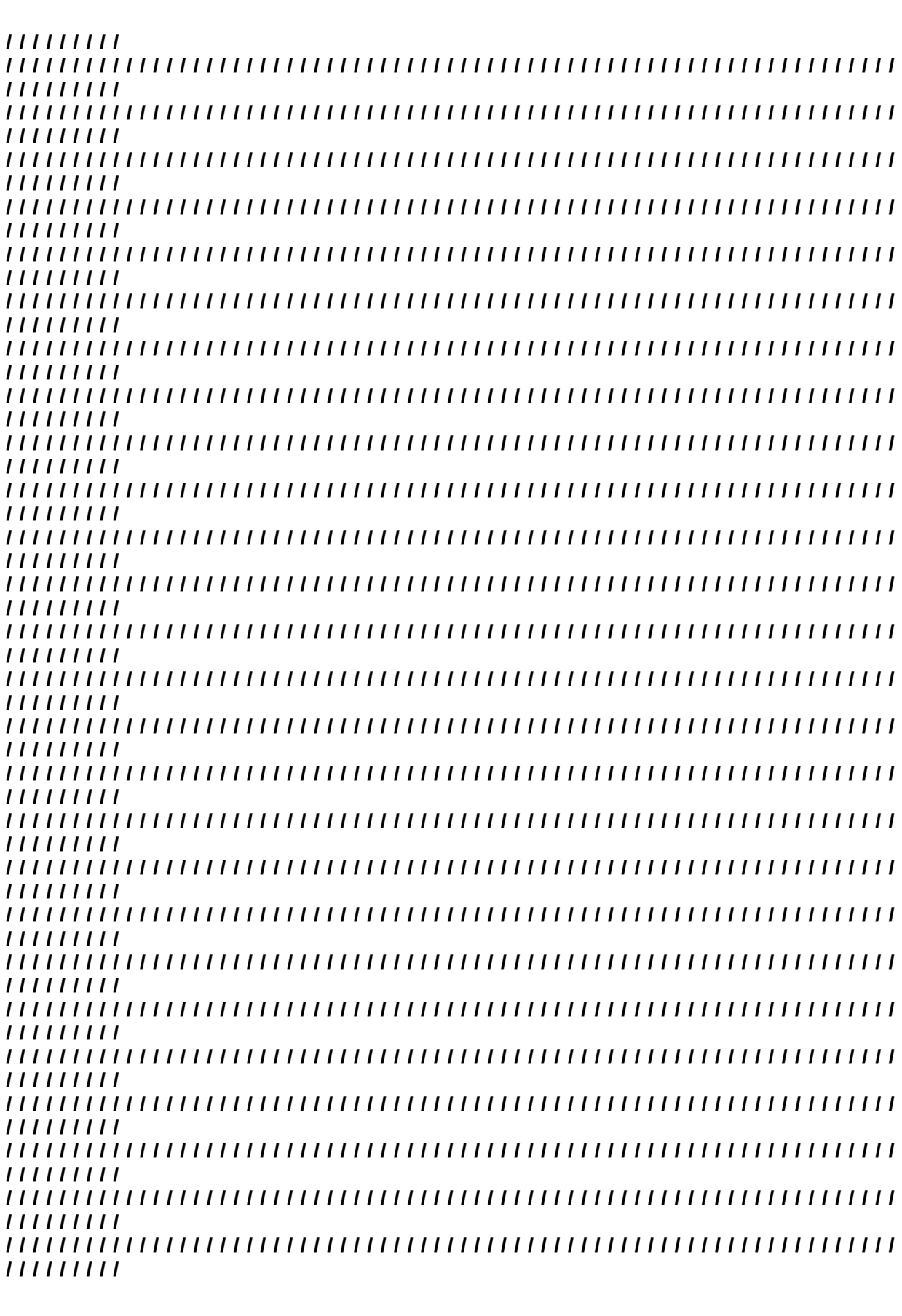

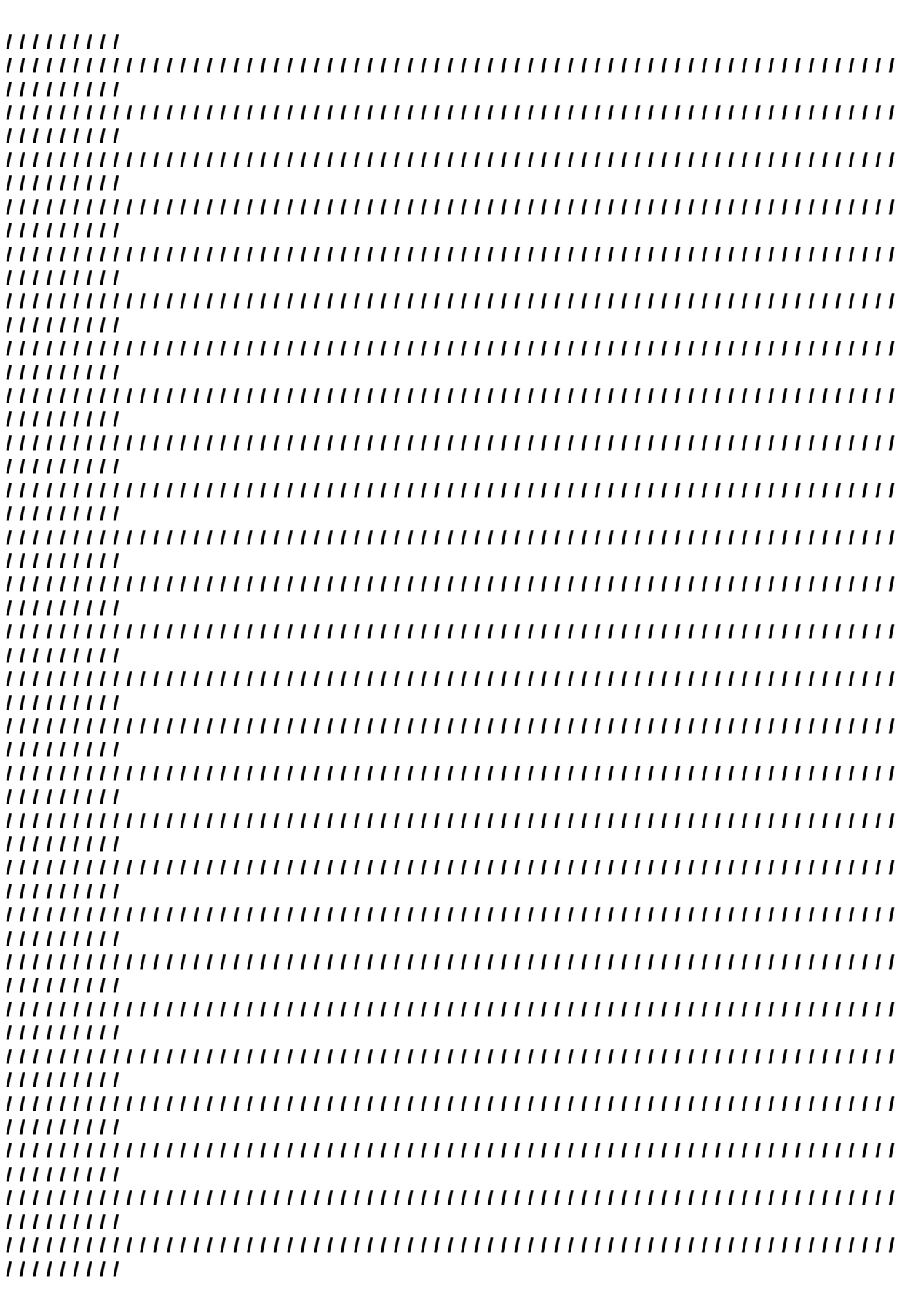

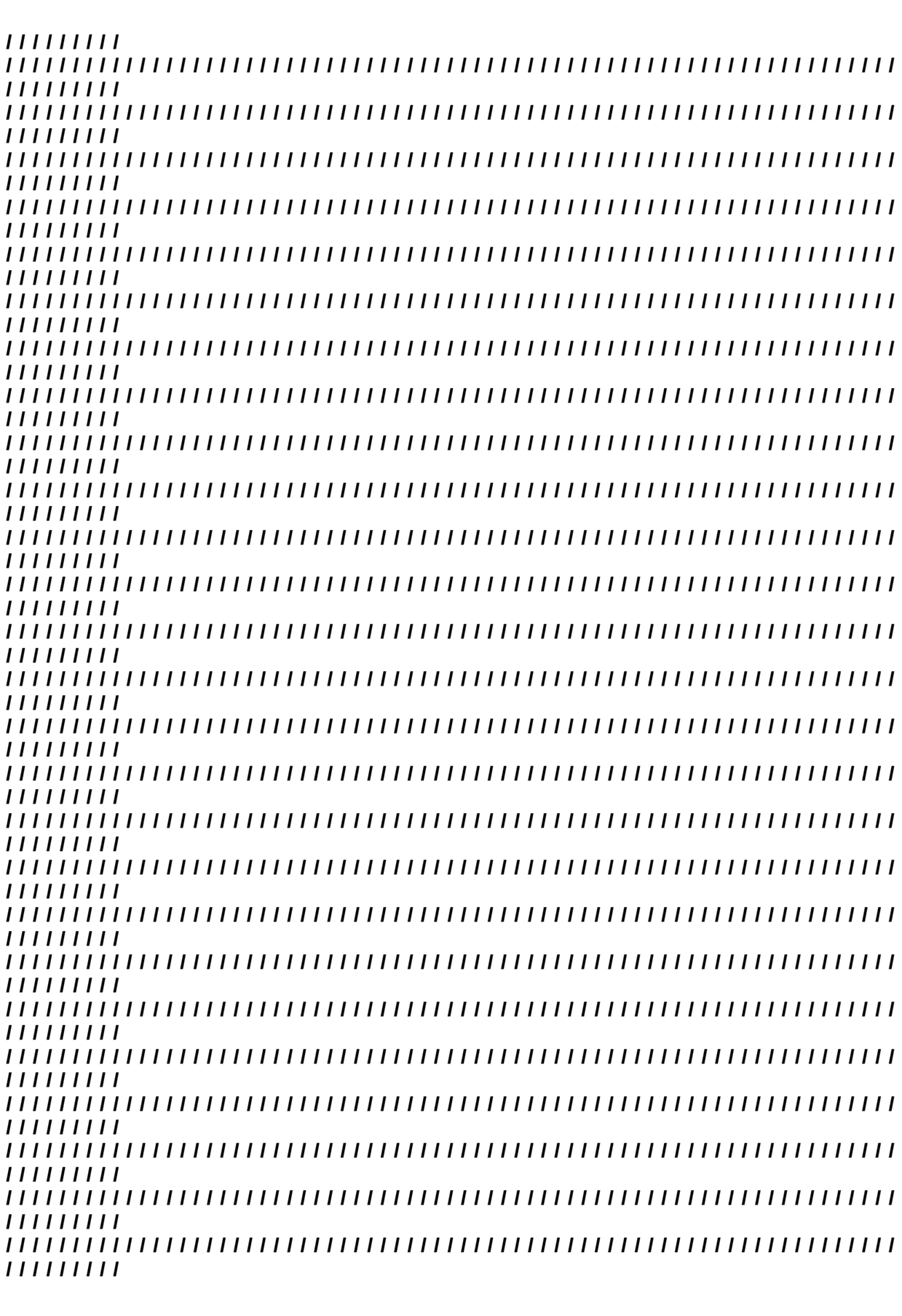

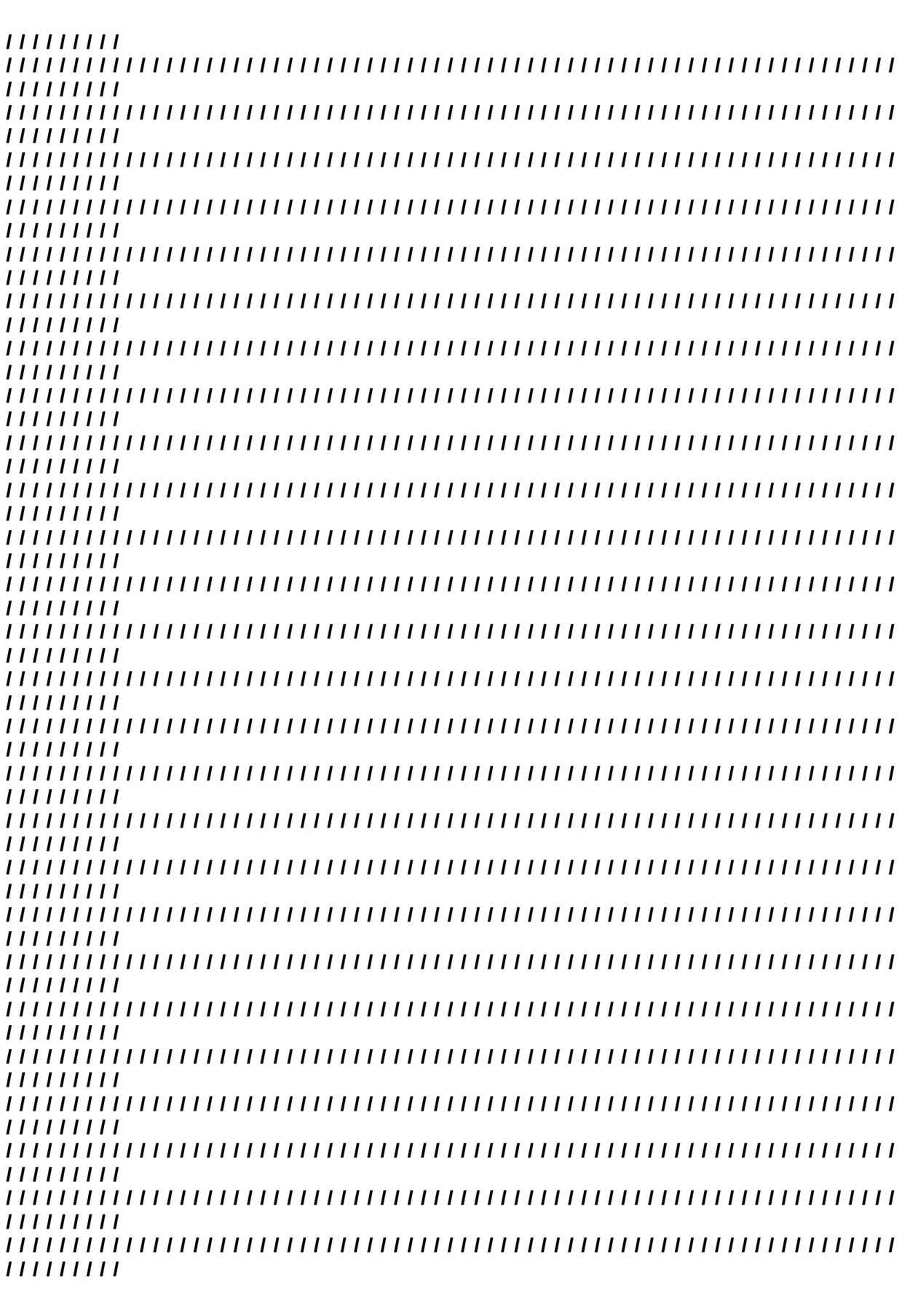

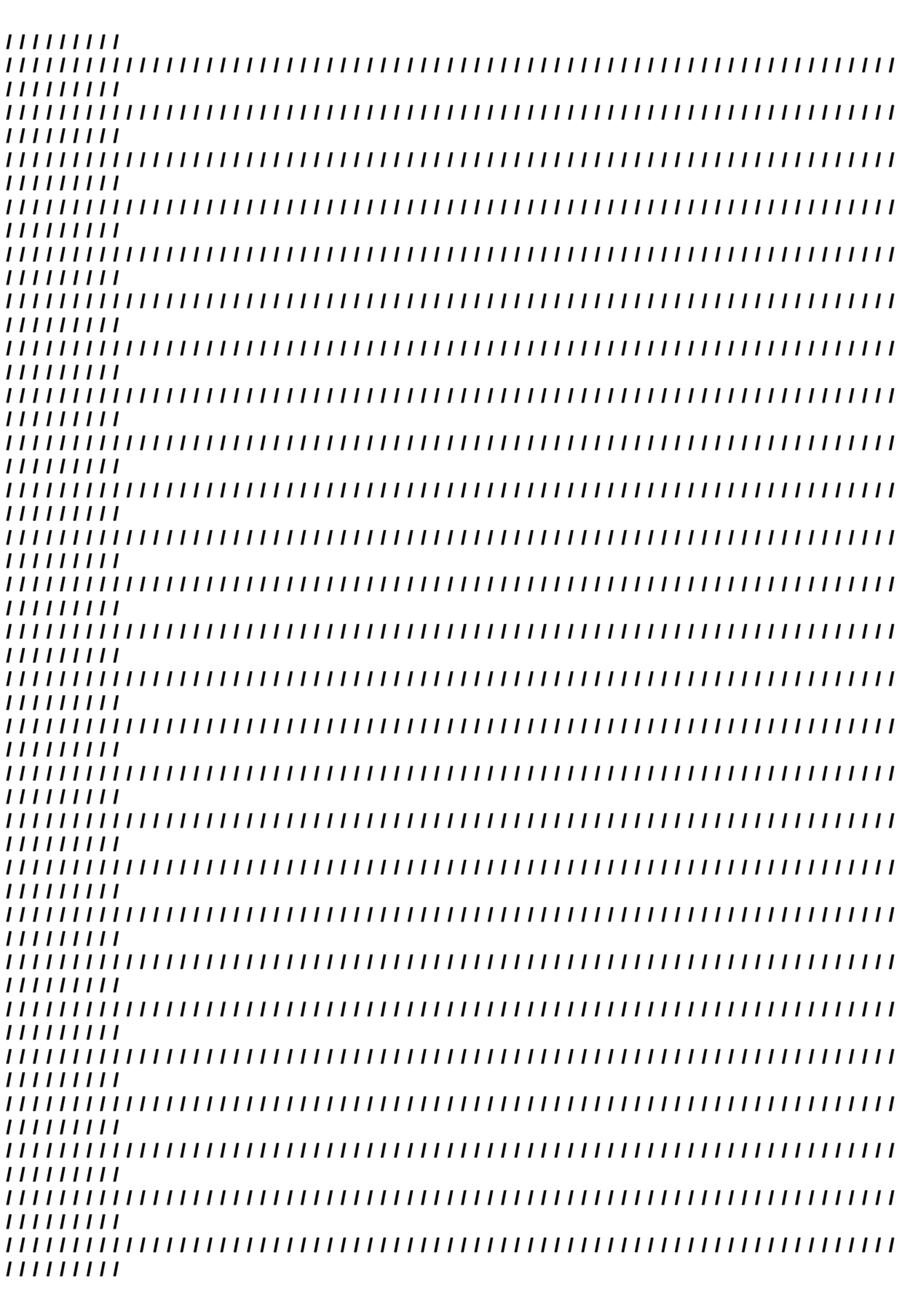

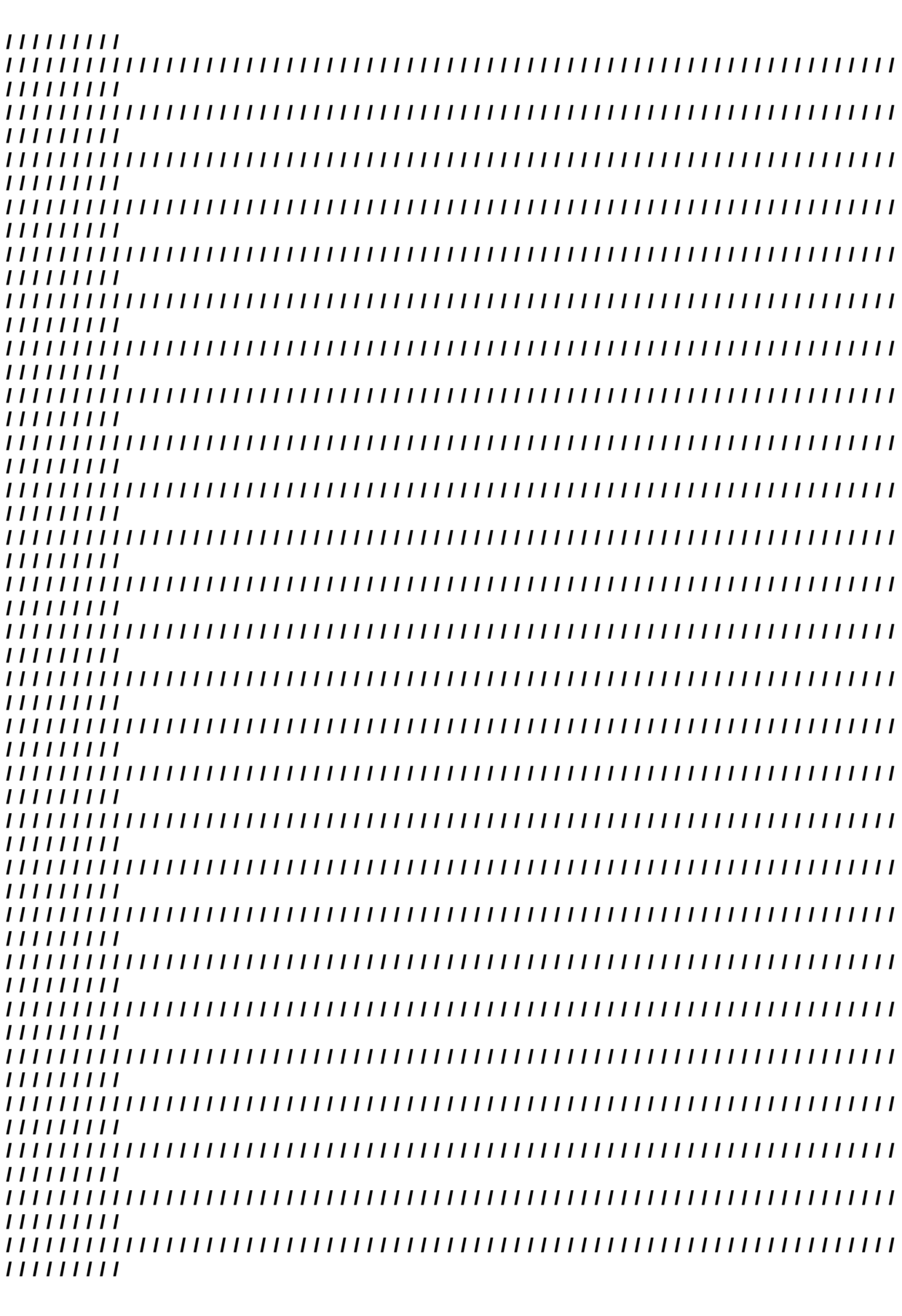

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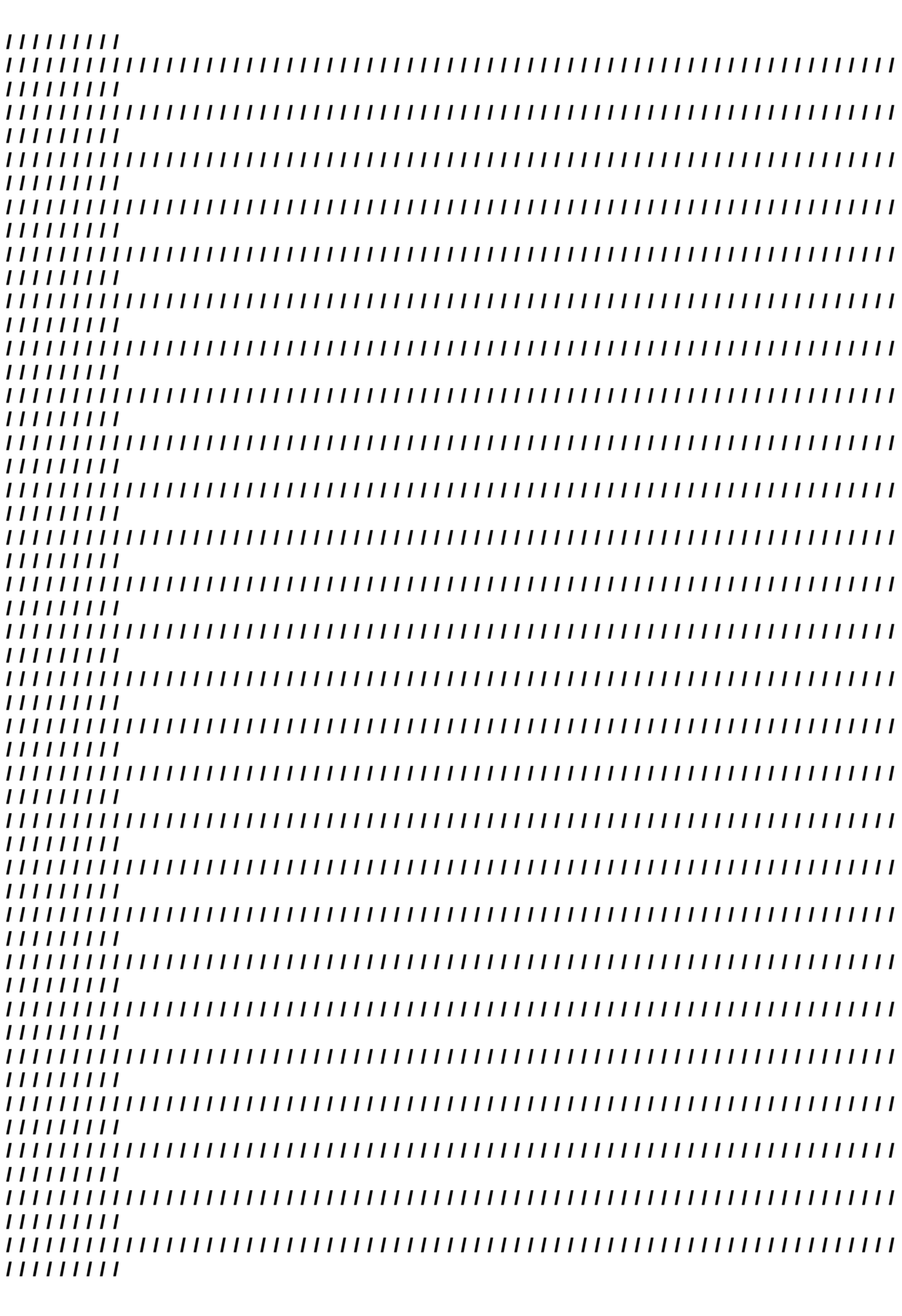

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