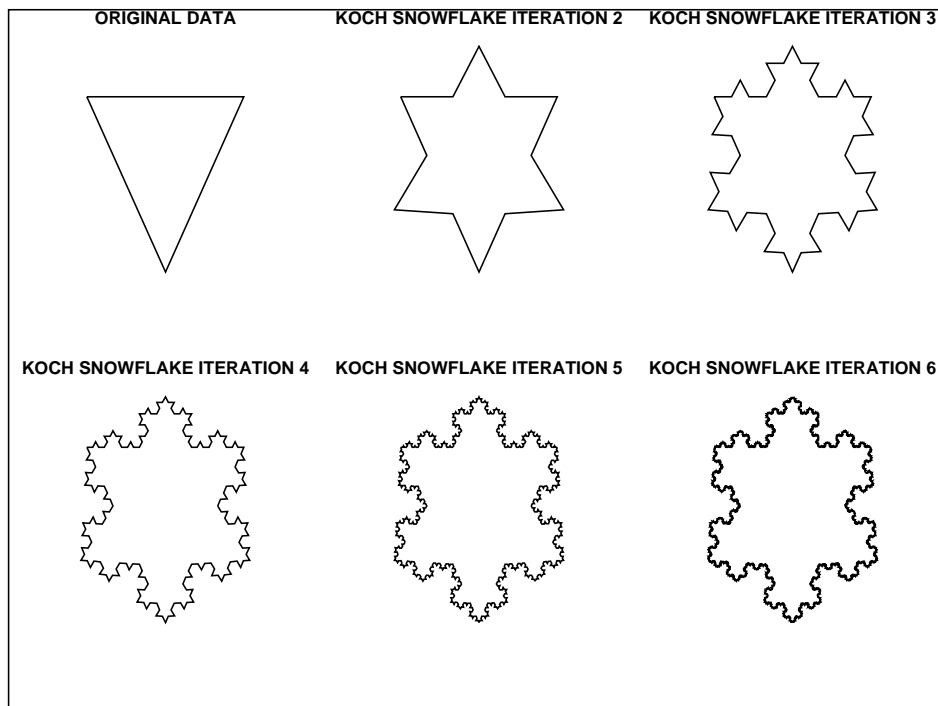


PROGRAM 1

```

READ X1 Y1
0 1
0.5 0
1 1
0 1
END OF DATA
.
MULTIPLY 2 3
MULTIPLY CORNER COORDINATES 0 0 100 100
LIMITS 0 1
TIC OFFSET 0.4 0.4
FRAME OFF
FRAME CORNER COORDINATES 5 5 95 95
TITLE OFFSET 1
PRE-SORT OFF
TITLE ORIGINAL DATA
PLOT Y1 X1
LOOP FOR K = 2 1 6
  LET J = K - 1
  LET Y2 X2 = FRACTAL Y1 X1
  TITLE KOCH SNOWFLAKE ITERATION ^K
  PLOT Y2 X2
  LET X1 = X2
  LET Y1 = Y2
END OF LOOP
END OF MULTIPLY
    
```



PROGRAM 2

```

. Draw a Koch curve through several iterations
READ X1 Y1
0 0
1 0
END OF DATA
MULTIPLY 2 3
MULTIPLY CORNER COORDINATES 0 0 100 100
LIMITS 0 1
TIC OFFSET 0.4 0.4
FRAME OFF
FRAME CORNER COORDINATES 5 5 95 95
TITLE OFFSET 1
PRE-SORT OFF
TITLE ORIGINAL LINE
PLOT Y1 X1
LOOP FOR K = 2 1 6
    LET J = K - 1
    LET Y2 X2 = FRACTAL Y1 X1
    TITLE KOCH CURVE ITERATION ^K
    PLOT Y2 X2
    LET X1 = X2
    LET Y1 = Y2
END OF LOOP
END OF MULTIPLY
    
```

