Drawing shapes with SIS

# Brief / instructions

Please attempt to draw your own versions of these shapes. Start with easier ones and then do more difficult ones. Try to produce a specific shape rather than just experimenting to see what you get. I have done one example. Design some new shapes once you have drawn 3 or more.

Ask for help and advice and share your designs for evaluation.

Shape, polygon

Description automatically generated

Other ideas:

A rainbow on a white background

Description automatically generated

A black spiral on a white background

Description automatically generated

A star with a pointed center

Description automatically generated with medium confidence

# Nonagon

## Version 1 – using just sequence

from turtle import \*

pencolor('blue')

pendown()

forward(100)

right(40)

forward(100)

right(40)

forward(100)

right(40)

forward(100)

right(40)

forward(100)

right(40)

forward(100)

right(40)

forward(100)

right(40)

forward(100)

right(40)

forward(100)

right(40)

### Output

Chart

Description automatically generated

### Evaluation

Success! But it could probably be written more efficiently by using a loop, so let’s do that next.

## V2 – using iteration...





