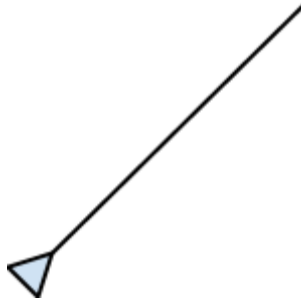# Exercise 8

The following code: Will produce this picture:

```
  import turtle
1 wn = turtle.Screen()
2 tess = turtle.Turtle()
3 tess.right(90)
4 tess.left(3600)
5 tess.right(-90)
6 tess.left(3600)
7 tess.left(3645)
8 tess.forward(-100)
```

The first three lines initialize the turtle and the drawing canvas.

Note that every instance of a call which changes the angle by a
multiple of 360° can be ignored, since it will spin the turtle around
for some number of full revolutions, which will end up leaving the
turtle facing the same direction it started.

Therefore, lines 3-6 have no net effect on the turtle, since the 90°
turns turns cancel out one another and the angle turns which are
multiples of 360° have no net effect.

In line 7, we turn a net 45° counter-clockwise (45° more than the 10
rotations of 3600°) and then, in line 8 we move backwards by 100
units, giving the above picture.