Use the tools and resources from class and the sample function code below to help complete this assignment.

Sample Function 1: Positioning the Pen

The following function positions the turtle pen without drawing anything.   
The parameter “xPos” is the amount left or right to move the pen

The parameter “yPos” is the amount up or down to move the pen

*def movePen(xPos, yPos) :*

*myPen.up()*

*myPen.forward(xPos)*

*myPen.right(90)*

*myPen.forward(yPos)*

*myPen.left(90)*

*myPen.down()*

Sample Function 2: Drawing a Blue Box

The following function draws a blue box with the top left corner at the current pen position. The parameter “size” is the size of the box.

*def blueBox(valSize) :*

*myPen.down()*

*myPen.color( "blue" )*

*myPen.forward(valSize)*

*myPen.right(90)*

*myPen.forward(valSize)*

*myPen.right(90)*

*myPen.forward(valSize)*

*myPen.right(90)*

*myPen.forward(valSize)*

*myPen.up()*

Write your answers to the questions below in hard copy format. (i.e. pen or pencil)

1. Describe the shape produced by the following code:

*movePen(0,0)*

*blueBox(40)*

*movePen(20,60)*

*blueBox(40)*

*movePen(80,0)*

*blueBox(40)*

*movePen(-100, -60)*

*blueBox(40)*

1. Modify the blue box function to produce the following shape:
2. Write a program using your function(s) to produce a pattern similar to the following:

