Homework 05 – BYOB!
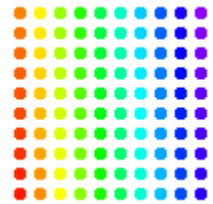
In this homework you'll practice using the new version BYOB (Build Your Own Block) version of Scratch.

☐ Make a new block called "draw-circle". It should take in a parameter called "radius" that is the radius of the circle to be drawn.
  ○ In designing your "draw-circle" block you can decide whether the circle is centered at the current location of the character or if the character lies along the outside line of the circle.

☐ Make a design by playing around with the new drawing blocks that you have created.

☐ Using plot-point, make a script that draws a sequence of dots like the one shown on the right. You can use any colors that you like.

☐ Modify your Rock-Paper-Scissors project to use a "Reporter" block called "Winner" that takes the following 4 arguments and reports the name of the winning player.
  ○ The name of player 1
  ○ The selection of player 1
  ○ The name of player 2
  ○ The selection of player 2

  ○ The example shown below shows how this new block would behave if George selects Scissors and Colleen selects Rock. The block reports "Colleen".