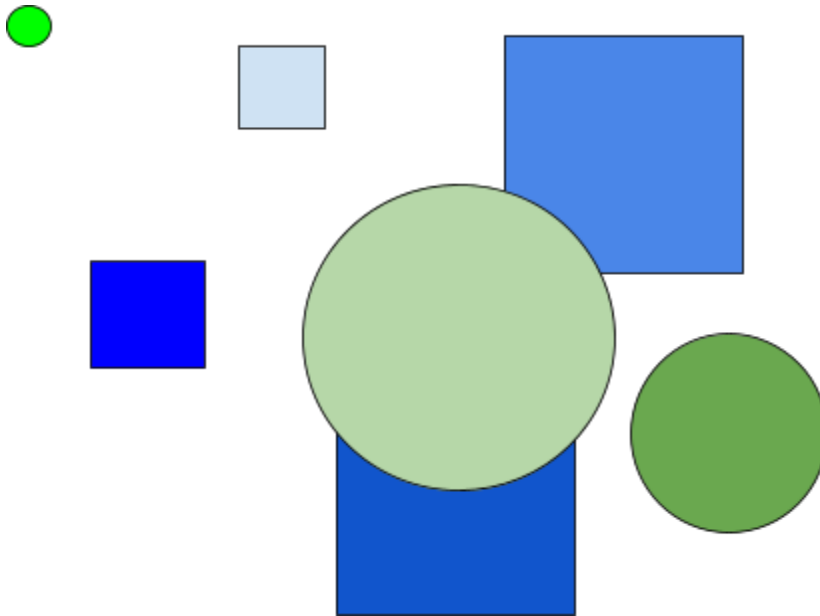Pseudocode for PC04:

Rough drawing above ^ I want to create a code that will not only randomize the color of the shapes but also the size of the shapes and position of the shapes. If I am able to do that easily then I will try and challenge myself by seeing if I am able to randomize the sides each shape has as well.

```
Import turtle
turtle.colormode(255)
turtle.speed(20)


colorPalletGreen = [(0,255,0), (0,128,0), (51,153,102)]
colorPalletBlue = [(0,0,255), (0,255,255), (0, 204,255)]
sizePallet = [(50),(40),(30),(20),(10)]
sidesPallet = [(3),(4),(5),(6)]

size = random.choice(sizePallet)
sides = random.choice(sidesPallet)
angle = 360/sides
inc = 10
numIt = int(360/inc)
innerCirc = 10

for i in range (numIt)
        myTurtle.goto(random.randint(300,-300) , random.randint(300,-300))
        random.choice(colorPalletBlue)
        turtle.down()
        for i in range (sides)
```

```
        turtle.forward(size)
        turtle.right(angle)
turtle.up()
turtle.forward(innerCirc)
turtle.right(inc)
```