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Rashad Khan  
LAB 5 Module  
Completed: 02/24/2023  
ID:010713326  
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import turtle  
import random  
turtle.colormode(255)  
  
#function to draw a polygon with a given size  
def draw_polygon(n, length):  
    angle = 360 / n  
    for i in range(n):  
        turtle.speed('fastest')  
        turtle.forward(length)  
        turtle.left(angle)  
    turtle.left((360/n)*2)  
  
#keeps turtle page open  
def keep_turtle():  
    turtle.hideturtle()  
    turtle.done()  
  
#randomize pen color  
def rand_pen_color():  
    r = random.randint(0, 255)  
    g = random.randint(0, 255)  
    b = random.randint(0, 255)  
    turtle.color((r, g, b))  
  
#setter functio for pen size  
def set_pen_size(n):  
    turtle.pensize(n)  
  
#setter function for bg color  
def set_bg(a):  
    turtle.bgcolor(a)
```