

Yi Yang

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In [ ]: import turtle
import time
import webcolors
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In [1]: def draw_rectangle(length, height, color):
    t.pencolor(get_color(color))
    t.pendown()
    t.color(color)
    t.begin_fill()
    t.forward(length)
    t.left(90) # Turn turtle by 90 degree
    # drawing second side
    t.forward(height)
    t.left(90) # Turn turtle by 90 degree

    # drawing third side
    t.forward(length)
    t.left(90) # Turn turtle by 90 degree

    # drawing fourth side
    t.forward(height)
    t.left(90)
    t.end_fill()
    t.penup()
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In [3]: def draw_star(size, color):

    # object color
    t.pencolor(get_color(color))

    # object width
    t.width(4)

    # angle to form star
    angle = 120

    # color to fill
    t.fillcolor(color)
    t.begin_fill()

    # form star
    for side in range(5):
        t.forward(size)
        t.right(angle)
        t.forward(size)
        t.right(72 - angle)

    # fill color
    t.end_fill()
```

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In [16]: def get_color(color):
    if color == 'red':
        return 255,0,0
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elif color == 'blue':  
    return 0,0,255  
else:  
    return 0,255,0
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In [ ]: def draw_flag(height):
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In [ ]:
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