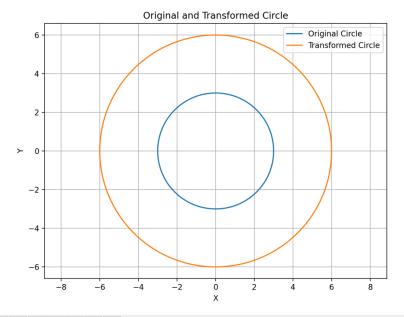
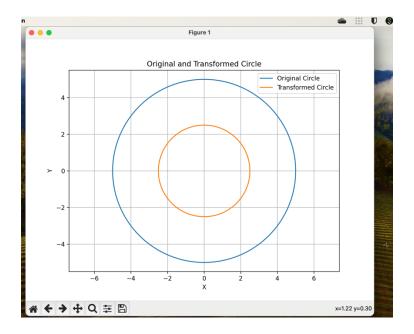
● ● Figure 1



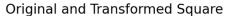
☆ ← → + Q ∓ 🖺

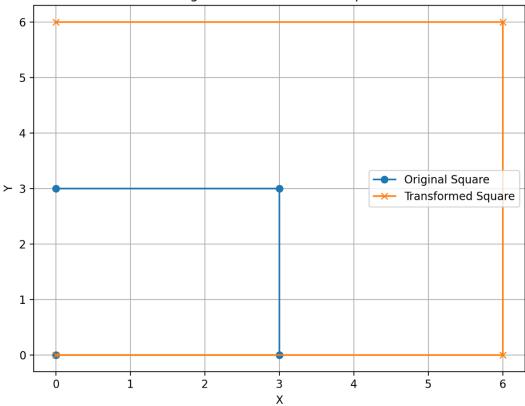
x=2.66 y=-2.83

 (base) sanket@Sankets-MBP Planar-Transformation % python circle.py Enter the radius of the circle: 3 Enter the scale factor: 2



(base) sanket@Sankets=MBP Planar=Transformation % python circle.py Enter the radius of the circle: 5
Enter the scale <u>factor</u>: 0.5

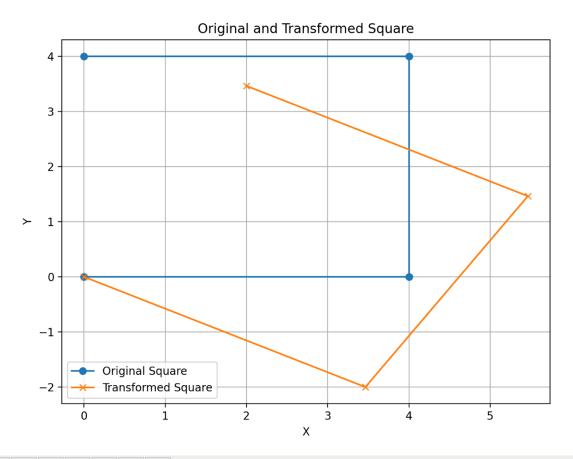




- (base) sanket@Sankets-MBP Planar-Transformation % python square.py Enter the size of the square: 3 Choose a transformation:
 - 1. Scale
 - 2. Rotate
 - 3. Translate

Enter the corresponding number (1/2/3): 1

Enter the scale factor: 2





x=4.143 y=-0.679

- (base) sanket@Sankets-MBP Planar-Transformation % python square.py Enter the size of the square: 4 Choose a transformation:
 - 1. Scale
 - 2. Rotate
 - 3. Translate

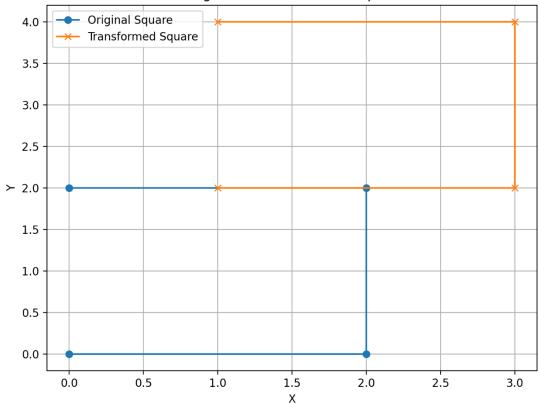
Enter the corresponding number (1/2/3): 2

Enter the rotation angle (in degrees): 30

○ (base) sanket@Sankets-MBP Planar-Transformation %

Figure 1





← → + Q = B

x=0.217 y=2.910

Enter the size of the square: 2 Choose a transformation:

- Scale
 Rotate
- 3. Translate

Enter the corresponding number (1/2/3): 3

Enter x-translation: 1

Enter y-translation: 2