

Q.7)Program to input a point and find the quadrant.

```
def Quadrant(x, y):  
    if x > 0 and y > 0:  
        print("The point is in Quadrant I.")  
    elif x < 0 and y > 0:  
        print("The point is in Quadrant II.")  
    elif x < 0 and y < 0:  
        print("The point is in Quadrant III.")  
    elif x > 0 and y < 0:  
        print("The point is in Quadrant IV.")  
    elif x == 0 and y == 0:  
        print("The point is at the Origin.")  
    elif x == 0:  
        print("The point lies on the Y-axis.")  
    else:  
        print("The point lies on the X-axis.")  
  
x = float(input("Enter the x-coordinate: "))  
y = float(input("Enter the y-coordinate: "))
```

Quadrant(x, y)