```python
x = float(input())
y = float(input())

if x > 0 and y > 0: print("Quadrant I")
elif x < 0 and y > 0: print("Quadrant II")
elif x < 0 and y < 0: print("Quadrant III")
elif x > 0 and y < 0: print("Quadrant IV")
elif x == 0 and y == 0: print("Origin")
elif x == 0: print("Y-axis")
else: print("X-axis")
```