```python
x,y=map(int,input().split())
if x>0 and y>0:
    print("This point lies in first quadrant")
elif x<0 and y>0:
    print("This point lies in second quadrant")
elif x<0 and y<0:
    print("This point lies in third quadrant")
else:
    print("This point lies on fourth quadrant")
```