Day 6 coding Statement: Write a program to find the Quadrants in which coordinates lie

Get the value of x and y coordinates as input from the user and check in which quadrant the point lies and print it.

Input

10 20

Output

This point lies in first quadrant.

Input

-10 20

Output

This point lies in second quadrant

Code:
```
x=int(input())
y=int(input())

print("(",x,",",y,")",end="")

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 qudrant")
else:
    print(" This point lies in fourth quadrant")
```

Output:
```
10
20
( 10 , 20 ) This point lies in first quadrant

-10
20
( -10 , 20 ) This point lies in second quadrant
```