

```
for i in range(N):
    X = float(input("Input X: "))
    Y = float(input("Input Y: "))

    if(X==0 and Y==0):
        print("Point (0,0) is on Origin")
    elif(X<0 and Y>0):
        print("Point (",X,"","Y,") is in Quadrant 2")
    elif(X<0 and Y<0):
        print("Point (",X,"","Y,") is in Quadrant 3")
    elif(X>0 and Y<0):
        print("Point (",X,"","Y,") is in Quadrant 4")
    elif(X>0 and Y>0):
        print("Point (",X,"","Y,") is in Quadrant 1")
    elif(X==0):
        print("Point (",X,"","Y,") Y axis")
    else:
        print("Point (",X,"","Y,") X axis")
```