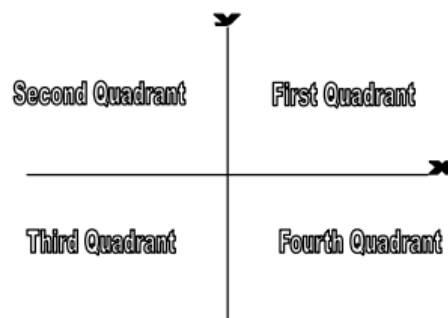


CSIT110 - Lab 3

File name: YourName_Lab_3.py

Write a Python program called YourName_Lab_3.py that prompts the user to input x-y coordinates (float types) of some points in a Cartesian plane. The program should then output a message indicating whether the point entered is the origin, is located on the x- (or y-) axis, or appears in a particular quadrant. The following shows the plane of x-y coordinates and the four quadrants:



Your program should continue to prompt for the values of x-y coordinates until user enter both x and y equal to zero. Upon executing your program, it should show the following interactions: **(Note that the use of “break” inside the loop will be penalized)**

```
Enter x and y: 7.3      8.23
==> (7.30, 8.23) is above X-axis
==> It is at first quadrant
Enter x and y: -9       2.3
==> (-9.00, 2.30) is above X-axis
==> It is at second quadrant
Enter x and y: -9       -7
==> (-9.00, -7.00) is below X-axis
==> It is at third quadrant
Enter x and y: 8.2      -7.3
==> (8.20, -7.30) is below X-axis
==> It is at forth quadrant
Enter x and y: -7       0
==> (-7.00, 0.00) is at X-axis
Enter x and y: 0        9.6
==> (0.00, 9.60) is at Y-axis
Enter x and y: 0        -7.23
==> (0.00, -7.23) is at Y-axis
Enter x and y: 0        0
==> (0.00, 0.00) is at origin
```

Don't forget to include this statement in your program
input ("Press enter to terminate")