

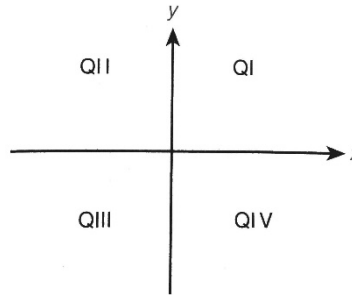
Experiment 1

Q1) Write a C program that takes the x - y coordinates of a point in the Cartesian plane and prints a message telling either an axis on which the point lies or the quadrant in which it is found. Your program must:

Sample lines of output:

$(-2.5, -2.5)$ is in quadrant III

$(0.0, 2.5)$ is on the y axis



Q2) Write a C program that counts digits of an entered integer number and displays as follows:

```
Please, enter an integer number : 7777
----- **** -----
The entered number is 7777 and the number of digits is 4
```