

1. Ask a user to input day, month, year and then check whether the day is valid or not.

Example:

Input: Day: 13

Month: 02

Year: 2019

Output: 13.02.2019 is a valid date.

2. Write a C program to accept a coordinate point in a XY coordinate system and determine in which quadrant the coordinate point lies.

Example:

Input: x=-1, y=3

Output: The coordinate (-1,3) lies in the second quadrant.

3. Write a C program to check whether a triangle is Equilateral, Isosceles or Scalene.

Example:

Input: a=10, b=10, c=10

Output: This is an equilateral triangle.

Remark: (Equilateral is a triangle with three equal sides, Isosceles is a triangle with two equal sides and Scalene is a triangle with no equal side.)