

Problems on conditional statement

1. Write a program to check whether a given number is even or odd.
2. Write a program to check whether a given number is positive or negative.
3. Write a program to find whether a given year is a leap year or not.
4. Write a program to accept a coordinate point in an XY coordinate system and determine in which quadrant the coordinate point lies.
5. Write a program to determine eligibility for admission to a professional course based on the following criteria:

Eligibility Criteria: Marks in Maths ≥ 65 and Marks in Phy ≥ 55 and Marks in Chem ≥ 50 and Total in all three subject ≥ 190 or Total in Maths and Physics ≥ 140

6. Write a program to read temperature in centigrade and display a suitable message according to the temperature state below:
Temp < 0 then Freezing weather.
Temp 0-10 then Very Cold weather
Temp 10-20 then Cold weather
Temp 20-30 then Normal in Temp
Temp 30-40 then Its Hot
Temp ≥ 40 then Its Very Hot
7. Write a program to check whether a triangle is Equilateral, Isosceles or Scalene.
8. Write a program to check whether an alphabet is a vowel or consonant.
9. Write a program to read month number and display month name