

Conditional statement

1. Write a C program to accept two Integers and check whether they are equal or not.
- 2 Write a C program to check whether a given number is even or odd.
- 3 Write a C program to check whether a given number is positive or negative.
4. Write a C program to find whether a given year is a leap year or not
5. Write a C program to read the age of a candidate and determine whether it is eligible for casting his/her own vote.
- G. Write a C program to accept the height of a person in centimetre and categorize the person according to their height.
7. Write a C program to find the largest of three numbers.
8. Write a C program to accept a coordinate point in a XY coordinate system and determine in which quadrant the coordinate point lies!
9. Write a C program to find the eligibility of admission for 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 .
10. Write a C program to calculate the root of a Quadratic.
11. Write a C program to read roll no, name and marks of three subjects and calculate the total, percentage and division.
12. Write a C program to read temperature in centigrade and display a suitable message according to 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 It's Hot
Temp ≥ 40 then Its Very Hot
13. Write a C program to check whether a triangle is equilateral, Isosceles or Scalene.
14. Write a C program to check whether a triangle can be formed by the given value for the angles.
15. Write a C program to check whether a character is an alphabet, digit or special character.

16. Write a C program to check whether an alphabet is a vowel or consonant.

17. Write a program in C to calculate and print the Electricity bill of a given customer. The customer id., name and unit consumed by the user should be taken from the keyboard and display the total amount to pay to the customer. The charges are as follow:

Unit	Charge/unit
Up to 199	@1.20
200 and above but less than 400	@1.50
400 And above but less than 600	@1.00
600 d above	@2.00