
C++ Conditional Statement Practice Questions

Note* Read the following questions and identify that whether the program should be solved using if-else statement or switch statement and then write the solution program for question.

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.
6. Write a C++ program to read the value of an integer m and display the value of n is 1 when m is larger than 0, 0 when m is 0 and -1 when m is less than 0.
7. Write a C++ program to accept the height of a person in centimeter and categorize the person according to their height.
8. Write a C++ program to find the largest of three numbers.
9. Write a C++ program to accept a coordinate point in a XY coordinate system and determine in which quadrant the coordinate point lies.
10. Write a C++ program to find the eligibility of admission for a professional course based on the following criteria:
Marks in Maths ≥ 65
Marks in Phy ≥ 55
Marks in Chem ≥ 50
Total in all three subject ≥ 180
or
Total in Math and Subjects ≥ 140

11. Write a C++ program to calculate the root of a Quadratic Equation.
12. Write a C++ program to read roll no, name and marks of three subjects and calculate the total, percentage and division.
13. 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 Its Hot
Temp >=40 then Its Very Hot
14. Write a C++ program to check whether a triangle is Equilateral, Isosceles or Scalene.
15. Write a C++ program to check whether a triangle can be formed by the given value for the angles.
16. Write a C++ program to check whether a character is an alphabet, digit or special character.
17. Write a C++ program to check whether an alphabet is a vowel or consonant.
18. Write a C++ program to calculate profit and loss on a transaction.
19. 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 charge are as follow :

Unit	Charge/unit
upto 199	@1.20
200 and above but less than 400	@1.50
400 and above but less than 600	@1.80
600 and above	@2.00

If bill exceeds Rs. 400 then a surcharge of 15% will be charged and the minimum bill should be of Rs. 100/-

20. Write a program in C++ to accept a grade and declare the equivalent description :

Grade Description

E	Excellent
V	Very Good
G	Good
A	Average
F	Fail

21. Write a program in C++ to read any day number in integer and display day name in the word.

22. Write a program in C++ to read any digit, display in the word.

23. Write a program in C++ to read any Month Number in integer and display Month name in the word.

24. Write a program in C++ to read any Month Number in integer and display the number of days for this month.

25. Write a program in C++ which is a Menu-Driven Program to compute the area of the various geometrical shape.

26. Write a program in C++ which is a Menu-Driven Program to perform a simple calculation.