

List of `if...else` programming exercises

1. [Write a C program to find maximum between two numbers.](#)
2. [Write a C program to find maximum between three numbers.](#)
3. [Write a C program to check whether a number is negative, positive or zero.](#)
4. [Write a C program to check whether a number is divisible by 5 and 11 or not.](#)
5. [Write a C program to check whether a number is even or odd.](#)
6. [Write a C program to check whether a year is leap year or not.](#)
7. [Write a C program to check whether a character is alphabet or not.](#)
8. [Write a C program to input any alphabet and check whether it is vowel or consonant.](#)
9. [Write a C program to input any character and check whether it is alphabet, digit or special character.](#)
10. [Write a C program to check whether a character is uppercase or lowercase alphabet.](#)
11. [Write a C program to input week number and print week day.](#)
12. [Write a C program to input month number and print number of days in that month.](#)
13. [Write a C program to count total number of notes in given amount.](#)
14. [Write a C program to input angles of a triangle and check whether triangle is valid or not.](#)
15. [Write a C program to input all sides of a triangle and check whether triangle is valid or not.](#)
16. [Write a C program to check whether the triangle is equilateral, isosceles or scalene triangle.](#)
17. [Write a C program to find all roots of a quadratic equation.](#)
18. [Write a C program to calculate profit or loss.](#)
19. [Write a C program to input marks of five subjects Physics, Chemistry, Biology, Mathematics and Computer. Calculate percentage and grade according to following:](#)
Percentage $\geq 90\%$: Grade A
Percentage $\geq 80\%$: Grade B
Percentage $\geq 70\%$: Grade C
Percentage $\geq 60\%$: Grade D
Percentage $\geq 40\%$: Grade E
Percentage $< 40\%$: Grade F
20. [Write a C program to input basic salary of an employee and calculate its Gross salary according to following:](#)
Basic Salary ≤ 10000 : HRA = 20%, DA = 80%
Basic Salary ≤ 20000 : HRA = 25%, DA = 90%
Basic Salary > 20000 : HRA = 30%, DA = 95%
21. [Write a C program to input electricity unit charges and calculate total electricity bill according to the given condition:](#)
For first 50 units Rs. 0.50/unit
For next 100 units Rs. 0.75/unit
For next 100 units Rs. 1.20/unit
For unit above 250 Rs. 1.50/unit
An additional surcharge of 20% is added to the bill