C Programming Practice Question

Chapter-2(Conditional Statement-IF else)

1. Write a program to find the maximum number between two numbers.
2. Write a program to find the maximum between three numbers.
3. Write a program to check whether a number is even or odd.
4. Write a program to enter the week number and print the day of the week.
5. Write a program to check whether a number is negative or positive or zero.
6. Write a program to check whether a number is divisible by 5 or 11 or not.
7. Write a program to input any character and check whether it is the alphabet, digit, or special character.
8. Write a program to check whether you are eligible to make a Voter Card or not.
9. Write a program to check whether the year is a leap year or not.
10. WAP to check whether the character is vowel or consonant
11. Write a program to check the uppercase or lowercase alphabet.
12. Write a program to input the week number and print the weekday.
12. Write a program to input the month number and print the number of days in that month.
13. Write a program to check two integers whether they are equal or not.
14. Write a program to input the angles of a triangle and check whether a triangle is valid or not.
15. Write a program to check whether the triangle is an equilateral, isosceles, or scalene triangle.

16. Write a program to find the eligibility for admission to a professional course base on the following criteria:

- Marks in MATHS >= 65
- Marks in PHY >= 55
- Marks in CHEM >= 50
- Total in all three subjects => 180

Or,

Total in Math and physics >=140.

17. Write a program to read the 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 it's hot
- Temp >=40 then it's very hot.

18. Write a program to read four values a, b, c, and d from the terminal and evaluates the value of (a+b) to (c-d), and print the result, if c-d is not equal to zero.

19. Write a program to input the basic salary of an employee and calculate its Gross salary according to the following:

- Basic Salary <= 10000 : HRA = 20%, DA = 80%
- Basic Salary <= 20000 : HRA = 25%, DA = 90%
- Basic Salary > 20000 : HRA = 30%, DA = 95%.

   GROSS SALARY = DA+HRA+BASIC SALARY

20. Write a C program to input electricity unit charges and calculate the total electricity bill according to the given condition:

- For the first 50 units Rs. 0.50/unit
- For the next 100 units Rs. 0.75/unit
- For the next 100 units Rs. 1.20/unit
- For units above 250 Rs. 1.50/unit
- An additional surcharge of 20% is added to the bill.