LAB ASSIGNMENT -I

1. Write a C program to find out the size of variables of different data types (use sizeof() operator) and display their size as output.

2. Write a C program to find largest number among 3 numbers using ternary operator (conditional operator i.e. ?:)

3. Write a C program to check whether an alphabet entered by user is vowel or consonant

    a.   using if else statement.   b.   using switch statement

4. Write a C program to input basic salary of an employee and calculate DA as per following rules:

    For Basic Salary >= 10000 and <= 20000, 10% of basic salary.
    For Basic Salary > 20000 and <= 50000, 15% of basic salary.
    For Basic Salary > 50000 and <= 100000, 20% of basic salary.
    For Basic Salary > 100000, DA is not given.

5. Write a C Program to display a day (Monday or Tuesday or Wednesday etc.) when a number (1 or 2 or 3 etc.) of day of a week is entered. Assume that on 1st day of a week is Monday (use switch case).

6. Write C program to calculate area and circumference of circle using variables and constant.

7. Write a C program to perform for different unit conversion (Fahrenheit to Celsius).