<u>**C programming lab questions on 9/9/2024**</u>

<u>**Execution questions**</u>

1. Write a c program to Perform the all the basic arithmetic operations on two integer operands, two floating point operands and two mixed operands. For this, initialize the inputs to the operands and store the result in some variable and display the same.

2. Write a program to read the values of the operands and print the results of the computed expression given below:
   a) A=(b+c)*(b-c)
   b) C=(f-32)/100
   c) A= -(R1/R2+R3)
   d) A=0.5*float1 + 0.25*integer1+integer2/0.4+integer3

3. Write a program to convert temperature from Fahrenheit to centigrade. For this. Get the Fahrenheit value as integer and use the following formula for conversion
   Formula c=5/9(f-32)

4. Write a program to read the five students marks as integers and find the average of it. Store the average mark in a variable of float type. Do appropriate converstion.

5. Write a program to prepare the electricity bill for customers, given the following information: service number, previous month reading, current month reading. The output contains service number, units consumed and electric charges. Take the charge as Rs 1.50 per unit. Use appropriate datatype to store the above information.

   <u>**Spot**</u>

6. Earth takes a period of revolution of 31558150 seconds. Write a program to convert this into number of days, hours and minutes.

7. Write a program to swap the values of two numbers.

8. Write a program to find the bigger of two numbers a and b and print the same. use conditional operator to compare the numbers.