Programming & Problem Solving

LAB WORK

Q1. WAP to print the value and size of different data types (Use size of operator).

Q2. WAP to find the addition, subtraction, multiplication, division of two numbers.

Q3. WAP to calculate Simple and Compound Interest

Q4. WAP to calculate total salary based upon the following:- HRA = 3 % of Basic salary, TA = 5 % of Basic salary, DA = 3 % of Basic salary.

Q5. Program to enter an ASCII code and display the character associated with it

Q6. Program to find the area of a circle and rectangle

Q7. Write a C Program to swap two numbers (integers) using third variable

Q8. Write a C Program to swap two numbers (integers) without using third variable

Q9. WAP to input 3 sides of triangle and calculate area.

Q10. Program to show similarity between int and char

Q11. Program to show the effect of increment / decrement operator

Q12. Program to show working of unary Post/Pre-Increment/Decrement operator

Q13. Program to show working of arithmetic operators; also implement implicit and explicit type casting

Q14. Write a C program which takes no of days as input and convert it into no. of year, month, week, and days

Q15. Program to find whether the given number is even or odd (using Conditional Operator).

Q16. Write a C program to find whether a given number is positive, negative, or zero (using Conditional Operator).

Q17. Write a C program to print greater of two. (Using Conditional Operator)

Q18. Write a C program to find the largest of three numbers. (Using Conditional Operator)

Q19. WAP to get the result of $ax^2 + bx + c$.