PRACTICAL ASSIGNMENT ON FUNCTIONS

Q.1 WAP in c++ using build-in functions to input a sentence containing uppercase, lowercase , special characters and digits. Count the number of uppercase, lowercase , special characters and digits and display them separately.

Q.2 WAP menu driven in c++ to display area of circle, square, rectangle, triangle using all the 4 style of writing UDF.

Q.3 WAP in c++ to perform following conversions using UDF by taking appropriate parameter –

1. Decimal to Binay

2. . Decimal to Octal

3. . Decimal to Hexadecimal

4. Binary to Decimal

5. Octal to Decimal

6. Hexadecimal to Decimal

7. Exit

Q. 4 WAP in C++ using UDF generating and finding sum of n terms following series . (n is passed as a parameter)

1. Fibonacci series

2. Series of odd numbers

3. x + x/2! + x/3! + x/4! +-------

4. (1) +(1+2) + ( 1+2+3) +---------------

Q.5 WAP in C++ using UDF search\_no() which contains array of integers , its size ,a number as parameters. It returns -1 if the number is not present in the array otherwise it returns 1 if the number is present .

Q.6 WAP in C++ using UDF SUM\_ROW-COL() which contains 2Darray of integers , its size MXN,and print columnwise and rowwise sum.