Lab Assignment 6

Q1(i) Write a C++ program for matrix multiplication with following specifications.

    a)Use constructor dynamic memory allocation for matrix

    b)Use getdata() function to input values for matrix

    c) Use show( ) to display the matrix

    d)Use mul() to multiply two matrices.

Q2(ii) Modify the above program as follows

    a) Use operator*() for matrix multiplication instead of mul( )

    b)Make operator*() as friend function

Q3. Write a C++ program to compute area of right angle triangle, equilateral triangle, isosceles triangle using function overloading concept.

Q4. Write a C++ program for addition of two complex numbers using friend function (use constructor function to initialize data members of complex class).

Q5. Define a class string and overload = = to compare two strings and + operator for concatenation of two strings.

Q6. Write a program for overloading of Unary ++ operator.