OBJECT ORIENTED PROGRAMMING

ASSIGNMENT 2:-

Implement a class complex which represents the complex Number of data type.Implement the following operation 1.constructor

2.overloading operator + to add two complex number

3. overloading operator \* to multiply two complex number

4.overloaded << and >> to print and read complex number

DESCRIPTION:-

Operator overloading is a compile-time polymorphism in which the operator is overloaded to provide the special meaning to the user-defined data type. Operator overloading is used to overload or redefines most of the operators available in C++. It is used to perform the operation on the user-defined data type.

OUTPUT :-

enter real part

5

enter imaganary part

5

enter real part

4

enter imaganary part

4

Enter a choice 1)\*  2) +

\*

0 + 40i

enter real part

5

enter imaganary part

5

enter real part

4

enter imaganary part

4

Enter a choice 1)\*  2) +

+

9 + 9i