

MCA Sem –II, 2020-2021
CSC26: Lab-III (OOP)

Assignment II (Last Date: 15-5-2021)

1. Check whether a number is even or odd by overloading '!' operator.
 2. Write a Program to add two complex number objects of class **Complex** having *real* and *imag* as data members by overloading '+' operator
 - a) Using Member function.
 - b) **Using Friend Function.**
 3. Class **Distance** consists of length in *feet* and *inches*. Class Distance contains
 - one default constructor
 - one parameterized constructor
 - function `getdata()` to take the value of feet and inches.
 - function `show()` to display.
 - a) Overload '<' operator to compare the two given distances.
 - b) Overload '+=' operator in the Distance class.
 5. Concatenate two string objects of a class **String** having *char str[]* and *len* as data members by overloading '+' operator. Also overload '==', '>' and '<' operators to compare two given String objects.
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