

M.K Institute of Computer Studies, Bharuch

SECOND PRACTICAL ASSIGNMENT

SYBCA (Semester III)

SUB: - OOPS

Operator Overloading

01. Create a class STRING which has character array as data member. Now overload – (minus) operator to reverse the string **and** to compare two strings using = = operator overloading. Also use + operator to concatenate two strings and use = operator to copy one string to another string.

02. Create a class with at-least two data members. Overload >> and << operator.

03. Write a program that consists of two classes' time12 and time24. The first one maintains time on 12-hour basis, whereas the other one maintains time on 24-hours basis. Provide conversion functions to carry out conversion function from object of one type to another.

04. Design a classes such that they support the followings

Rupee R1, R2

Pound P1, P2

P1=R1; -- Converts Rupee to Pound

P2=R2; -- Converts Rupee to Pound

Write a program which carry out conversion operation.