M.K. INSTITUTE OF COMPUTER STUDIES, BHARUCH.

OBJECT ORIENTED PROGRAMMING LANGUAGE

PRACTICAL ASSIGNMENT-1

Q-1 Write a program to swap the values of two integer using user defined function (Pass arguments by Reference, make use of reference variable)

Q.2 Write a program to print the given character for a given number of times.
Define function repchar() and overload it.
1. Without any argument.(i.e repchar())
2. With only character. (i.e repchar(char))
3. Passing both arguments. (i.e repchar(char,int))

Q-3 Define a class to represent a bank account for handling 10 customers. Include the Following members:

Data members:

1. Name of the depositor
2. Account number
3. Type of account
4. Balance amount in the account

Member functions:

1. To assign initial values
2. To deposit an amount
3. To withdraw an amount after checking the balance
4. To display name and balance.
(Use array of object)

Q-4 WAP to maintain Telephone directory. Program should provide menu like

1. Entry   (Enter a new record)
2. Search   (Search the contact no. of given name, if exists)
3. Display all entry.
4. Exit
(Use array of object)

Q-5 Create two classes DM and DB which store the value of the distances. DM stores distance in meters and centimeters and DB stores distance in feet and inches. Write a program that can add one object of DM with another object of DB. Use a friend function to carry out the addition operation. The object that stores the result may be a DM object or DB object, depending on the units in which the result is required. The display should be in the format of feet and inches or meters and centimeters depending on the object of display.
(Use friend function)

Q-6 Create two classes c1 and c2 which contain data member of type integer. Input value in both class and swap the value of both objects. Make use of friend function.