FOURTH PRACTICAL ASSIGNMENT
Of
OOP (SYBCA-SEM 3)

1. Write a program to implement get() and put() function, also use newline character with it.

2. Write a program to demonstrate the use of >> and getline() for reading the name of cities as string and display them.

3. Write a program to implement functions of ios class, such as width(),precision(),fill(),setf(),unsetf().

4. Design a single manipulator to provide the following output specifications for printing float values:

   1. 12 columns width
   2. right – justified
   3. Three digits precision
   4. filling unused places with '*'
   5. Trailing Zeros shown
   6. Display plus sign

5. Write down the syntax for user-defined manipulators.
   Design single manipulators to provide the following output specification for printing float value.

   1. 15 column width
   2. 4 digit precision
   3. Left justified
   4. Filling unused space with '#'
   5. Display the trailing zeros.

6. Create class "emp" containing the data members Name of employee, Employee number, Basic salary, Allowance. Take appropriate member function and get data into class, then after write data into data file called "emp.dat" until user choice. Display the information of all employee from a file along with pf , total salary. Use read() and write() binary function for file.
   [pf = 12 % of basic salary, total salary = basic + allowance – pf]

7. Write a program to copy a text file from other text file. File name should be passed through command line.

8. A binary file contains information of employees in an organization. i.e emp code, name of employee, basic salary. Write a program to copy the contents of this file to another file where the basic salary is > 5000.