**Programming Laboratory-I**

**Assignment No-6**

**(Stream classes and File handling)**

1. Write a program to read a list containing item name, item code, and cost interactively and produce a three column output as shown below.

**NAME CODE COST**

Turbo C++ 1001 250.95

C Primer 905 95.70

Note that the name and code are left justified and the cost is right justified with a precision of two digits. Trailing zeros are shown.

1. Modify the above program to fill the unused spaces with hyphens.
2. Write a program which reads a text from the keyboard and displays the following information on the screen in two columns:

(a) Number of lines

(b) Number of words

(c) Number of characters

Strings should be left-justified and numbers should be right-justified in a suitable field width.

1. Write a program that reads a text file and creates another file that is identical except that every sequence of consecutive blank spaces is replaced by a single apace.
2. A file contains a list of telephone numbers in the following form

John 23456

Ahmed 9976

The names contain only one word and the names and telephone numbers are separated by white spaces.

Write a program to read the file and output the list in two columns. The names should be left-justified and the numbers right-justified.

1. Write a program that will create a data file containing the First of telephone numbers given in above example- Use a class object to store each set of data.
2. Write an interactive, menu-driven program that will access the file created above example and implement the following tasks.

(a) Determine the telephone number of the specified person.

(b) Determine the name if a telephone number is known.

(c) Update the telephone number, whenever there is a change