

Assignment 1

Complete the following program

```
#include <iostream>
#include <fstream>
using namespace std;

class Inventory{
    char name[10];
    int code;
    float cost;
public :
    void readdata(void); //read data from keyboard
    void writedata(void); //formatted display on screen
};

void Inventory :: readdata()
{
    // cout << "Enter name : ";
    // cin >> name;
}

void Inventory :: writedata()
{
    //cout << name;
    //display formatted data in table format - three columns - Name, code,
    Cost
}

int main()
{
    Inventory items[3];
    //use readdata to populate each item
    // create a separate function to write each data to the file
    //write each item to file

    //go to begining of the file

    //read each item from the file
    //display each item using writedata
    return 0;
}
```

Assignment 2

A file contains a list of telephone numbers in following format –

John 23456

Ahmed 9878

.....

The names contains only one word.

Name and telephone numbers are separated by just white space.

Write a program to read the file and output the list in two columns. Names should be left justified and numbers should be right justified. Proper column headings should be present

Assignment 3

For the telephone data in the previous assignment , Use class object to store data and read from file.

Use class object to accept data from user and write to file.

Then using class object read from file and display on UI.

Assignment 4

Write an interactive menu driven program that will access file create in the previous example and implement the following task –

- a. Determine the telephone number of the specified person
- b. Determine the name if telephone number is known
- c. Update a telephone number whenever there is a change.