

1- Write a program that writes an integer, a floating-point value, and a string to a text file.

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

int main() {

    int x;
    float y;
    string z;

    cout << "Enter A Integer Value : ";
    cin >> x;

    cout << "Enter A Float-Point Value : ";
    cin >> y;

    cout << "Enter A String Value : ";
    cin >> z;

    fstream f;
    f.open("Sanad.txt");
    f << "The Integer Value Inserted : " << x << endl;
    f << "The Float Value Inserted : " << y << endl;
    f << "The String Value Inserted : " << z << endl;
    f.close();

    system("pause");
    return 0;
}
```

2- Write a program that reads an integer, a floating-point value, and a string from a text file & prints the values to the user.

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

int main() {

    ifstream f;
    f.open("Sanad.txt");
    string s;
    if (f.is_open()) {
        while (getline(f, s))
        {
            cout << s << endl;
        }
    }
    f.close();

    system("pause");
    return 0;
}
```

3- Write a C++ program that writes your own data to a text file closes this file & then reopen the file and appends more data in it again.

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

int main() {

    string x;
    cout << "Enter A String Value " << endl;
    cin >> x;

    ofstream file;
    file.open("Sanad.txt", ios::in);
    file << x;
    file.close();

    string y;
    cout << " Enter A String to Be Appended" << endl;
    cin >> y;

    file.open("Sanad.txt", ios::app);
    file << y;
    file.close();

    system("pause");
    return 0;
}
```

