

<b>Assignment Title:</b>	Write a C++ program that creates an output file, writes information to it, closes the file and open it again as an input file and read the information from the file.
<b>Assignment No.:</b>	04
<b>Student Name:</b>	Chaudhari Om Devidas
<b>Year &amp; DIV.:</b>	SE A
<b>Batch:</b>	C
<b>Roll No:</b>	45

### Program Code:

Paste Code here....

```
#include<iostream>
#include<fstream>
#include<cstdlib>

using namespace std;

class sample
{
    public:

        int roll;
        char name[20];

        void accept()
        {
            cout<<"\nEnter the roll no:";
            cin>>roll;
            cout<<"\nEnter the name:";
            cin>>name;
        }

        void display()
```

```
        {
            cout<<roll<<"\n";
            cout<<name<<"\n";
        }
};

int main()
{
    sample obj;
    ofstream os;
    os.open("Home:\\test.txt",ios::in|ios::out);
    if(!os)
    {
        cerr<<"Could not open output file\n";
        exit(1);
    }

    cout<<"Writing the contents to the file...\n";
    obj.accept();
    os.write((char *)&obj,sizeof(obj));
    if(!os)
    {
        cerr<<"Could not write to file\n";
        exit(1);
    }

    os.close();

    ifstream is;
    is.open("Home:\\test.txt",ios::in|ios::out);
    if(!is)
    {
        cerr<<"Could not open input file\n";
        exit(1);
    }

    cout<<"Reading the contents from the file...\n";
    obj.display();
    is.read((char *)&obj,sizeof(obj));
    if(!is)
    {
        cerr<<"Could not read from file\n";
        exit(1);
    }
}
```

```
    return 0;  
}
```

### **Program Output:**

Writing the contents to the file...

Enter the roll no:1

Enter the name:Jay

Reading the contents from the file...

1

Jay