

Computer Training Institute
"File Handling" CPP Sample Code

//Program to read and write Text File using CPP

```
#include<fstream> //header file for file operations
#include<iostream>
using namespace std;
int main()
{
    //variable declaration section
    char ch;
    string str1, str2;
    string s;
    //Open file in desired mode and stream
    //using constructor
    //ofstream ofile("F:\\cpp\\writeFile.txt"); //open myfile.txt in
    default output mode
    //ifstream ifile("F:\\cpp\\writeFile.txt");
    //fstream file("",ios::app);

    //using open functions

    ofstream ofile;
    ofile.open("writeFile.txt",ios::app);
    if(ofile.fail())
    {
        cout<<"didn't open";
    }
    // perform operations
    cout<<"\n enter line\n";
    getline(cin,str1);
```

```
//cout<<"\n enter word\n";

ofile<<str1; // write in a file writeFile.txt using insertion
operator.

//gets(str1); //standard input to read input from consol
//puts(str1); //output function to print data on screen
//cout<<str1; //print output on consol screen
```

```
ofile.close(); // to close the file
```

//Read Operation

```
ifstream ifile;

ifile.open("writeFile.txt");

//read character by character
// while(!ifile.eof())
// {
//
//     ifile.get(ch); // to read character from file.
//     cout<<"\n"<<ch;
// }

cout<<"End of character reading";

//to read words
// while(!ifile.eof()) // will get terminate when encounter space.
// {
//     ifile>>str1;
//     cout<<"\n"<<str1<<"\n";
// }

//To read linewise
while(!ifile.eof())
{
    cout<<getline(ifile, s);
```

```
cout<<s;
}
//close all the files
//ofile.close();
ifile.close(); // to close the file
return 0;
}
```