**Content 55(part-2)**

### File I/O in C++: Working with Files | C++

#### File I/O in C++: Reading and Writing Files

These are some useful classes for working with files in C++

* fstreambase
* ifstream --> derived from fstreambase
* ofstream --> derived from fstreambase

In order to work with files in C++, you will have to open it. Primarily, there are 2 ways to open a file:

* Using the constructor
* Using the member function open() of the class

**Method -----Using Constructor:**

#include <iostream>

#include <fstream>

using namespace std;

int main()

{

    ofstream wr("Cnt54.txt");   //connecting file with wr stream

    string str1;

    // taking users name and storing it in file.

    cout<<"Enter your Name: "<<endl;

    cin>>str1;

    wr<<"MY name is "+ str1;

    wr.close(); //closing of he file is meditory

    string str2;

    ifstream rd("Cnt54.txt");

    rd >> str2;

    getline(rd, str2);

    cout << str2;

    return 0;

}

* **Method 2 --- Using the member function open() of the class**

#include <iostream>

#include <fstream>

#include <cstring>

using namespace std;

int main()

{

    ofstream write;          //declare any like read, erite etc.

    write.open("Cnt54.txt"); //opening

    write << "this is me";

    write.close();

    ifstream read;      //declareay like write,read ec

    string str;

    read.open("Cnt54.txt");

    while(read.eof()==0){

        getline(read,str);

        cout<<str;

    }

    read.close();

    return 0;

}