❖ Write a C++ program that creates an output file, writes information to it, closes the file, open
it again as an input file and read the information from the file.

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

int main()
{
        fstream myFile; //object of fstream class

        //opening file "sample.txt" in out(write) mode
        myFile.open("sample.txt", ios :: out);

        if (!myFile)
        {
        cout<<"Error in creating file!!!"<<endl;
        return 0;
        }

        cout<<"File created successfully!"<<endl;
        //write text into file

        myFile << "ABCD";
        //closing the file

        myFile.close();

        //again open file in read mode
        myFile.open("sample.txt", ios :: in);

        if (!myFile)
```
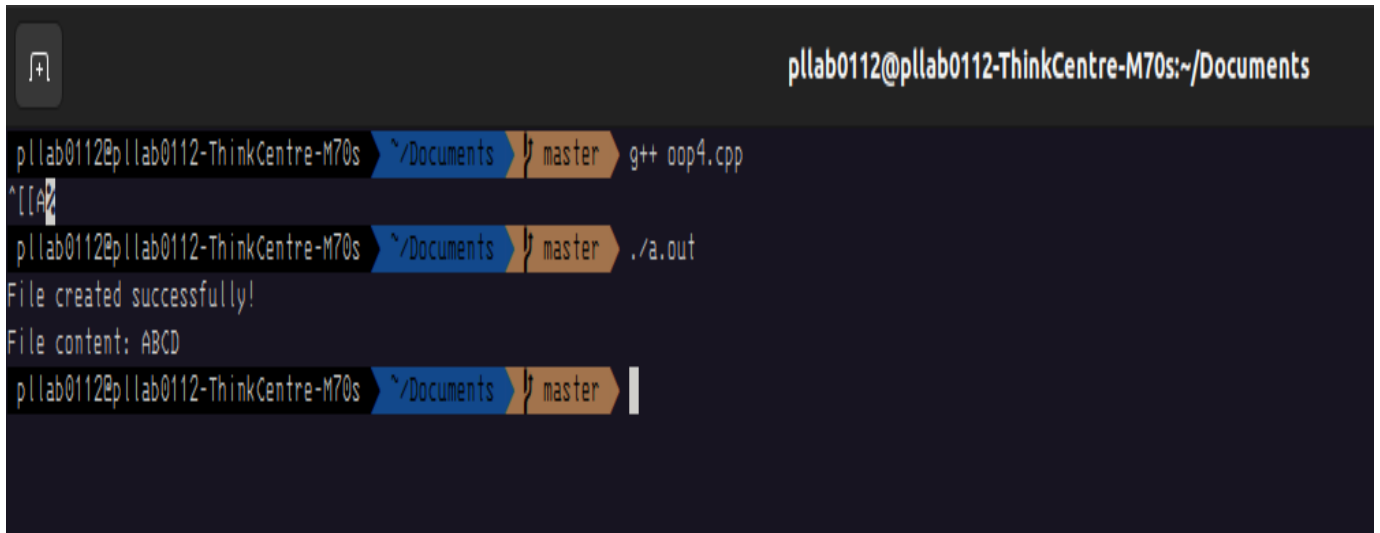
```
            {
            cout<<"Error in creating file!!!"<<endl;
            return 0;
            }

            //read until end of file is not found.
            string str;  //to read single character
            cout<< "File content: ";

            while(!myFile.eof())
            {
            myFile >> str;  // read single character from  file
            cout << str;
            }

            myFile.close();  //close file
            cout<<endl;
            return 0;
}
// Output
```