

Do use main arguments to feed the input/output file names

using fstream as input/output.

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

ofstream fileOut;
ifstream testCaseIn;
ifstream mapIn;

int main(int argc, char * argv[])
{
    if(argc!=4)
    {
        cout << "arguments are incorrect" << endl;
        return 0;
    }
    //argv[1] is the name of the transaction file
    //argv[2] is the name of the map file
    //argv[3] is the name of the output file
    fileOut.open(argv[3],fstream::out);
    mapIn.open(argv[2],ifstream::in);
    testCaseIn.open(argv[1],ifstream::in);

    //read map
    string s, t, dist;
    while(mapIn >> s >> t >> dist){
        //....
    }

    //your parser about testCase
    std::string cmd;
    while(testCaseIn>>cmd)
    {

        if(cmd=="NewBike")
        {
            //...
        }
        //...

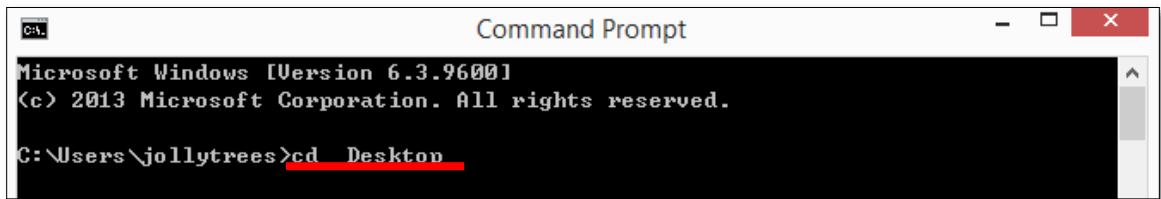
        //output something
        fileOut << "your output" << endl;

    }

    return 0;
}
```

Run the executable file in cmd(windows)

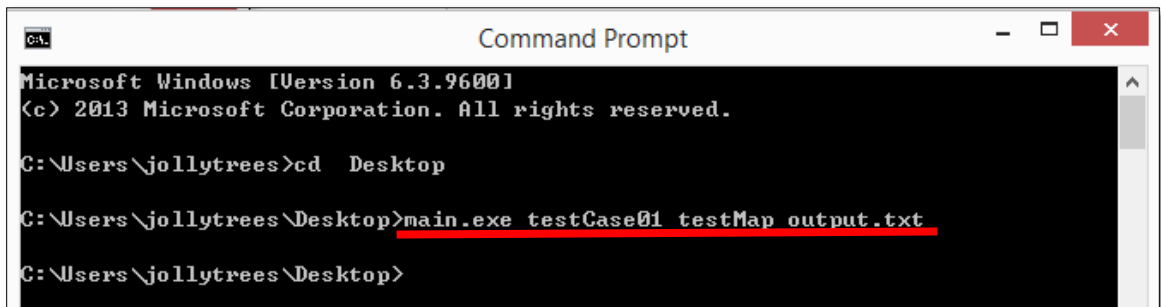
1. Open cmd.
2. Go to your specific dir.(cd yourdir)



```
Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

C:\Users\jollytrees>cd Desktop
```

3. Type "executableFile testCase testMap outputFile"
Example : `main.exe testCase01 testMap output.txt`



```
Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

C:\Users\jollytrees>cd Desktop

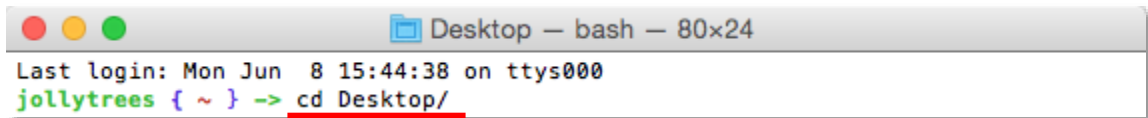
C:\Users\jollytrees\Desktop>main.exe testCase01 testMap output.txt

C:\Users\jollytrees\Desktop>
```

4. You can find the output file in your specific path.
In this case, you can find output file on the desktop.

Run the executable file in cmd(Mac OS X)

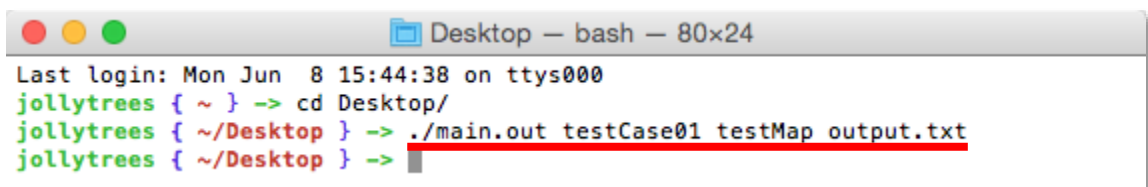
1. Open Terminal.
2. Go to your specific dir.(cd yourdir)



```
Desktop — bash — 80x24

Last login: Mon Jun  8 15:44:38 on ttys000
jollytrees { ~ } -> cd Desktop/
```

3. Type "./executableFile testCase testMap outputFile"
Example : `./main.out testCase01 testMap output.txt`



```
Desktop — bash — 80x24

Last login: Mon Jun  8 15:44:38 on ttys000
jollytrees { ~ } -> cd Desktop/
jollytrees { ~/Desktop } -> ./main.out testCase01 testMap output.txt
jollytrees { ~/Desktop } ->
```

4. You can find the output file in your specific path.
In this case, you can find output file on the desktop.