# **BugFighter C/C++**

## 1 – Start Page

BF C/C++ BugFighter	
File Settings QuickHelp Help	
File Settings QuickHelp Help Select the original project path Original Project Select the files you want to test	Select the destination project path          Modified       Convertions left       50         Project       50         Select the file type you want to test       0%         C       C         CC       CXX         H       HPP         HH       HXX
Copy Project	

# 2 – Select Original Project Directory

BF C/C++ BugFighter	
File Settings QuickHelp Help	
Select the original project path	Select the destination project path
C:\Examples\Eclipse\Console_Examples\ExU1_Single_Butter	
Original Project	Modified Convertions left 50 Project
Select the files you want to test	Select the file type you want to test       0%         CPP       CC         CXX       H         HPP       HH         HXX       HXX
Copy Project	

## **3 – Select Modified Project Directory**

BF C/C++ BugFighter	
File Settings QuickHelp Help	
Select the original project path	Select the destination project path
C:\Examples\Eclipse\Console_Examples\Ex01_Single_Buffer	C:\Examples\Eclipse\Console_Examples\Ex01_Single_Buffer_mod
Original Project	Modified         Convertions left         50           Project
Select the files you want to test	Select the file type you want to test       0%         CPP       CC         CX       H         HPP       HH         HX       HX
Copy Project	

### 4 – Select the files to test

BF C/C++ BugFighter	
File Settings QuickHelp Help	
Select the original project path C:\Examples\Eclipse\Console_Examples\Ex01_Single_Buffer Project Select the files you want to test C:\Examples\Eclipse\Console_Examples\Ex01_Single_Buffer C:\Examples\Eclipse\Console_Examples\Ex01_Single_Buffer C:\Examples\Eclipset C:\Examples C:\Examp	Select the destination project path         C:\Examples\Eclipse\Console_Examples\Ex01_Single_Buffer_mod         Modified       Convertions left       50         Project       0%         Select the file type you want to test       0%         C       C
Copy Project	
l	

### 5 – Click "Copy Project"

Select the destination project path         C:\Examples\Eclipse\Console_Examples\Ex01_Single_Buffer_mod         Modified Project         Select the file type you want to test         100%         C         CDP         CC         CXX         H
C:\Examples\Eclipse\Console_Examples\Ex01_Single_Buffer_mod\ C:\Examples\Eclipse\Console_Examples\Ex01_Single_Buffer_mod \Ex01_Single_Buffer\src\Ex01_Single_Buffer.cpp

#### 6 – Compile the Modified Project

#### 7 – Run the exe file



#### 8 – If a buffer overflow occurs, "Errors.txt" will be created and program will terminate



#### 9 - Prompt results and "Errors.txt"

C:\Examples\Eclipse\Console\_Examples\Ex01\_Single\_Buffer\_mod\Ex01\_Single\_Buffer\D ebug>Ex01\_Single\_Buffer.exe

Maximum index allowed for "x": 9 Index name : 10 Index value : 10 file: C:\Examples\Eclipse\Console\_Examples\Ex01\_Single\_Buffer\Ex01\_Single\_Buffer \src\Ex01\_Single\_Buffer.cpp line : 24 C:\Examples\Eclipse\Console\_Examples\Ex01\_Single\_Buffer\_mod\Ex01\_Single\_Buffer\D ebug>

Error n.

1

```
Maximum index allowed for "x": 9
Index name : 10
Index value : 10
file:
C:\Examples\Eclipse\Console_Examples\Ex01_Single_Buffer\Ex01_Single_Buffer\src\Ex01_Si
ngle_Buffer.cpp line : 24
```

```
// Name : Ex01_Single_Buffer.cpp
         : Bug Fighter
// Author
// Version
          :
// Copyright : Bug Fighter Soft
// Description : Hello World in C++, Ansi-style
#include <iostream>
using namespace std;
int main() {
  /* Try this code */
   /* Run it */
   /* Than try with BugFigher!! */
   /* and look in the exe directory, */
   /* you will find "Errors.txt" with the errors report */
   /* It will be very easy in this way to debug!! */
   int x[10];
   x[10] = 5;
   x[-4] = 3;
    cout << "!!!Hello World!!!" << endl; // prints !!!Hello World!!!</pre>
    return 0;
}
```