Name : Ratna Rajiv Mulpuri
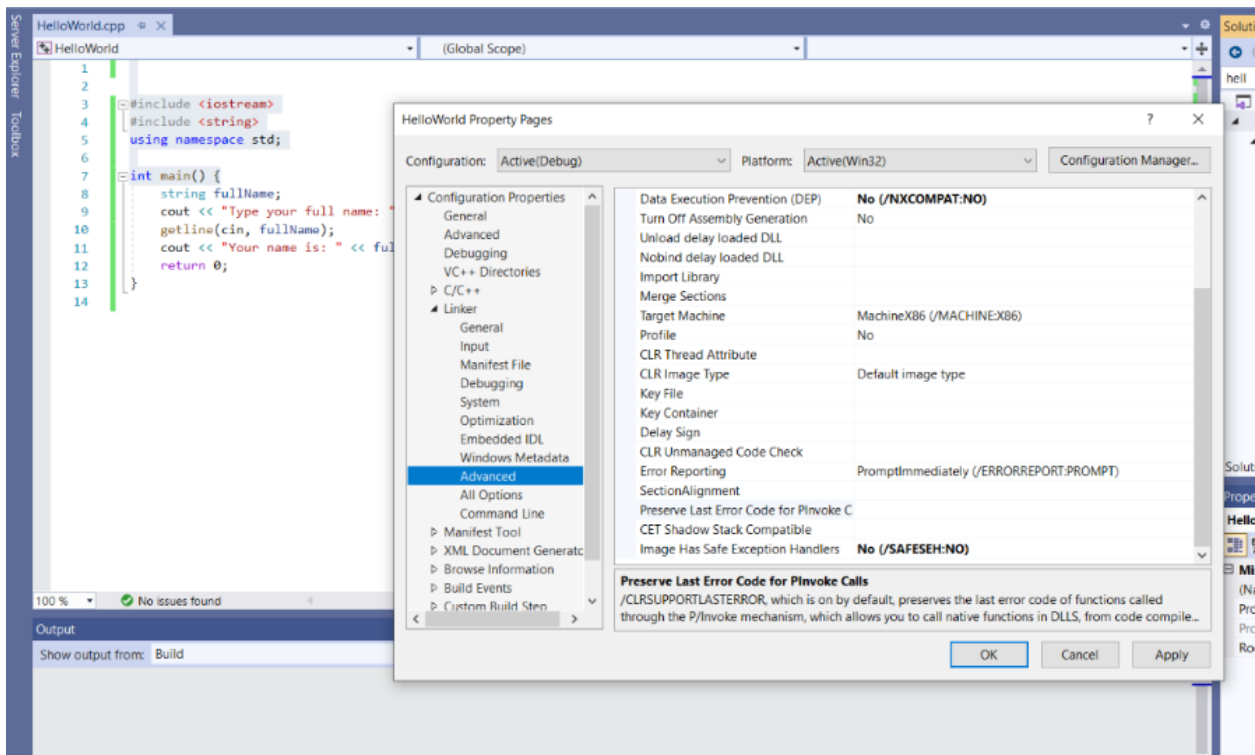Reg.No : 18BCN7089

LAB 11

Topic : Creating Secure and Safe Executable

Code :

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

int main(){
    string fullName;
    cout<<"Type your full name:";
    getlin(cin,fullName);
    cout<<"Your name is:"<<fullName;
    return 0;
}
```

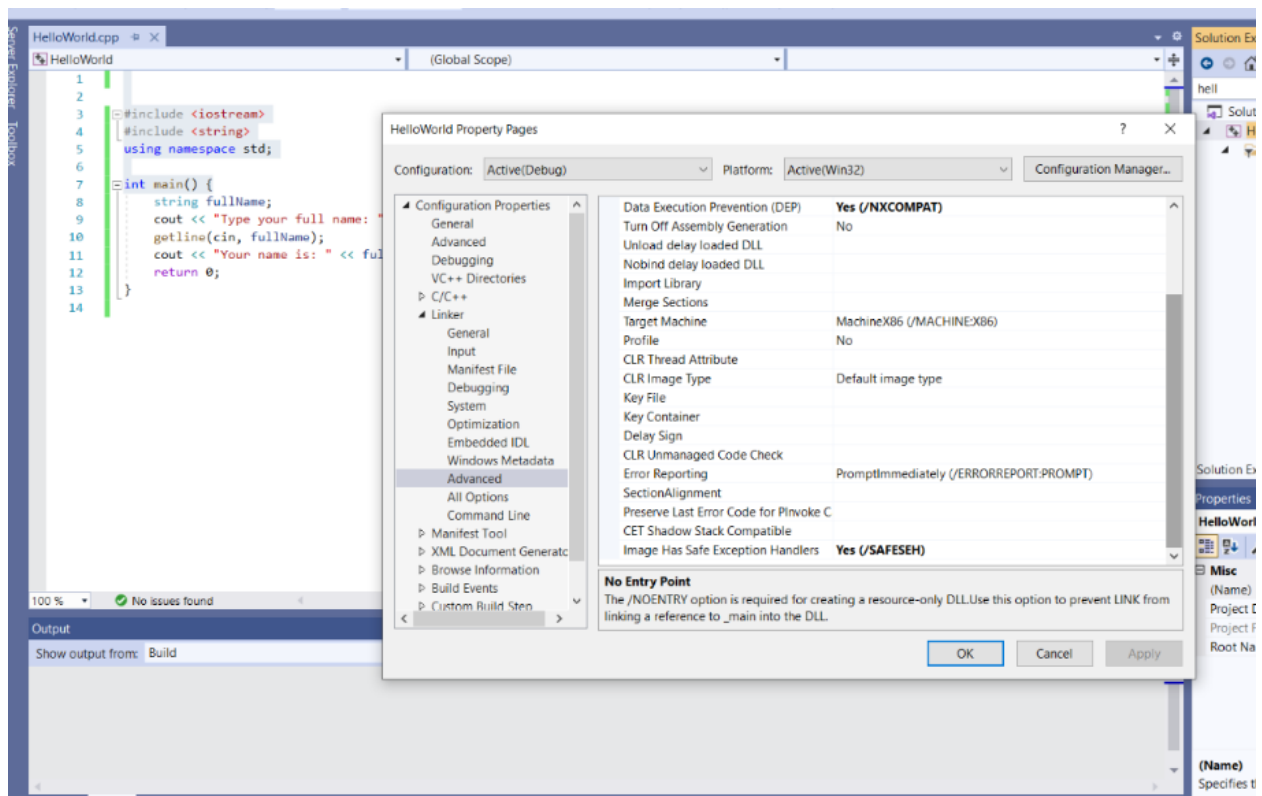We disable DEP and SEH and run it to show in the process explorer.

Disabling ASLR

Randomized Base Address	No (/DYNAMICBASE:NO)
Fixed Base Address	
Data Execution Prevention (DEP)	No (/NXCOMPAT:NO)

Now we Enable DEP, SEH and ASLR and run the program

Randomized Base Address	Yes (/DYNAMICBASE)
Fixed Base Address	
Data Execution Prevention (DEP)	Yes (/NXCOMPAT)