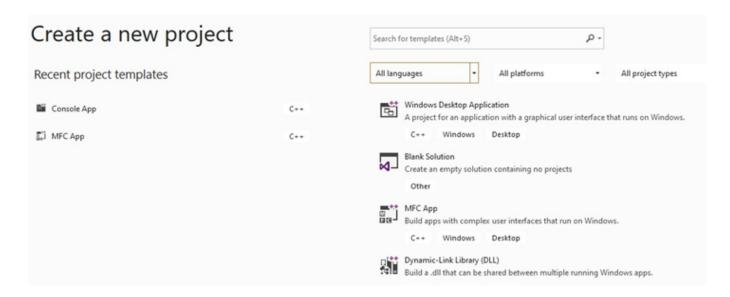
Name: Anumolu Anila Reg.no: 18BCE7300

LAB-11:Secure Coding

Step-1: Download and install visual studio



```
3
 4
        #include <iostream>
        using namespace std;
 5
 6
 7
      □int main()
 8
 9
             int number;
10
             cout << "Enter an integer: ";</pre>
11
             cin >> number;
12
13
             cout << "You entered " << number;</pre>
14
15
             return 0;
16
```

Output

Microsoft Visual Studio Debug Console

```
Enter an integer: 3
/ou entered 3
```

```
Output

Show output from: Debug

'lab.exe' (Win32): Loaded 'C:\Windows\SysWOW64\cryptbase.dll'.

'lab.exe' (Win32): Loaded 'C:\Windows\SysWOW64\bcryptprimitives.dll'.

'lab.exe' (Win32): Loaded 'C:\Windows\SysWOW64\sechost.dll'.

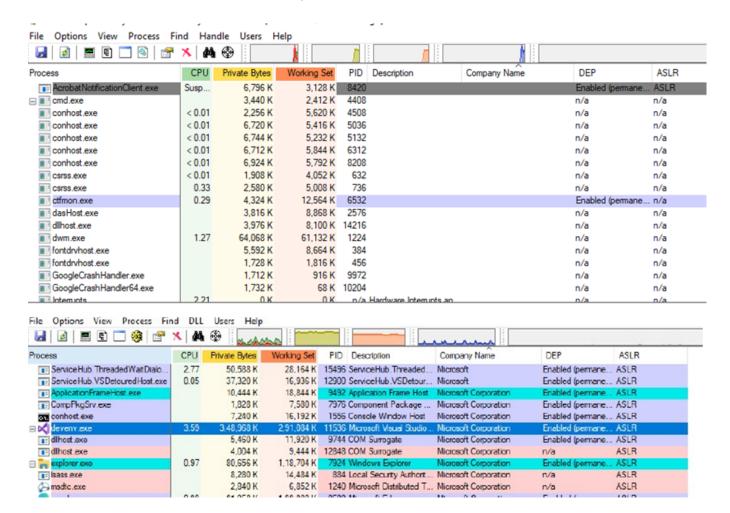
The thread 0x68 has exited with code 0 (0x0).

The thread 0x347c has exited with code 0 (0x0).

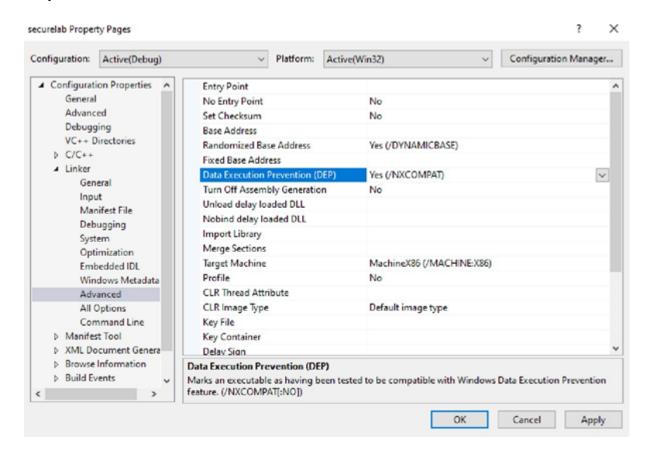
The thread 0x28cc has exited with code 0 (0x0).

The program '[6620] lab.exe' has exited with code 0 (0x0).
```

Step-2: Download process explorer to verify the DEP and ASLR status



Step-3:Disable software DEP,ASLR and SEH in the visual studio.



Step-4: After modifying again run the executable see the status of the DEP and ASLR properties

