SECURE CODING LAB11

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Lab experiment – Creating secure and safe executable

Download and install visual studio (recent edition)

Write a C++ code of your own to build an executable and run the same.

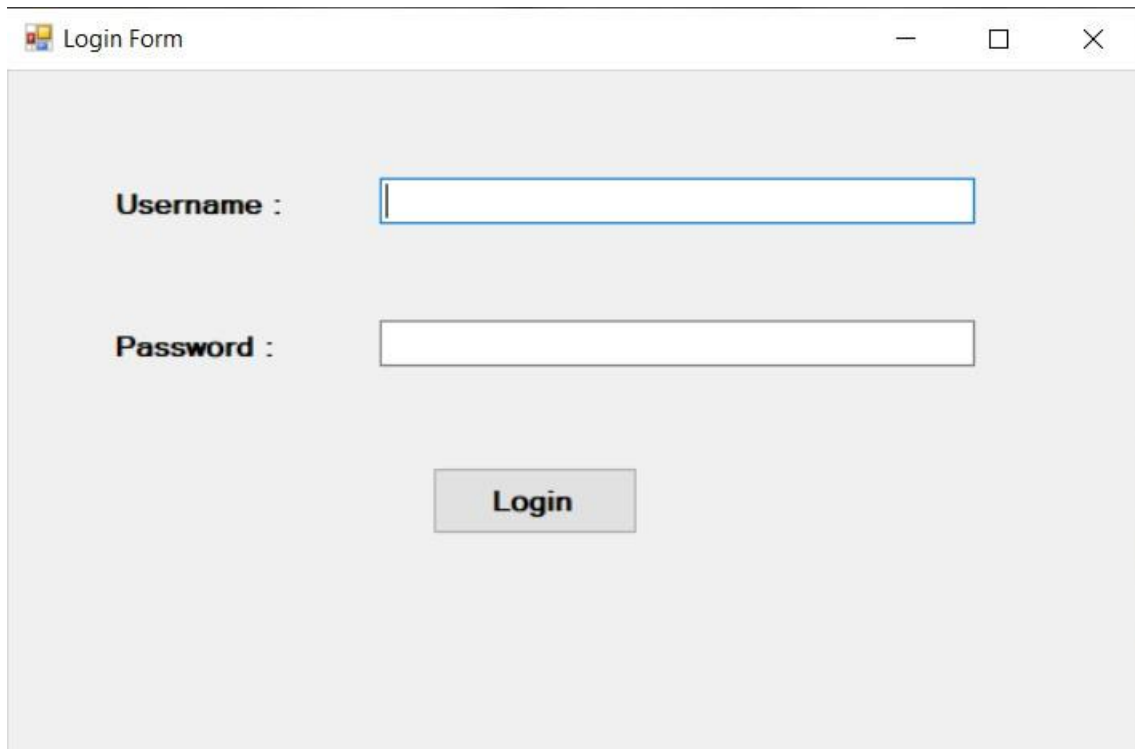**Download process explorer and verify the DEP & ASLR status**

Enable software DEP, ASLR and SEH in the visual studio and rebuild the same executable

Again, verify the DEP & ASLR status in the process explorer

Report the same with separate screenshot - before and after enabling DEP & ASLR.

Happy Learning!!!

The Application LOGINFORM.exe

The DEP and ASLR status in program explorer when Data Execution Prevention (DEP) and Randomized Base Address (ASLR) has been disabled in Visual Studio for the application LOGINFORM.exe

The DEP and ASLR status in program explorer when Data Execution Prevention (DEP) and Randomized Base Address

(ASLR) has been ==enabled== in Visual Studio for the application LOGINFORM.exe