## CSE 2010 || Secure Coding

Lab: 11

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Download and install visual studio (recent edition)

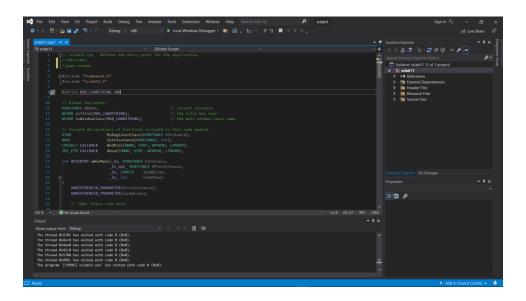
Write a C++ code of your own to build an executable and run the same.

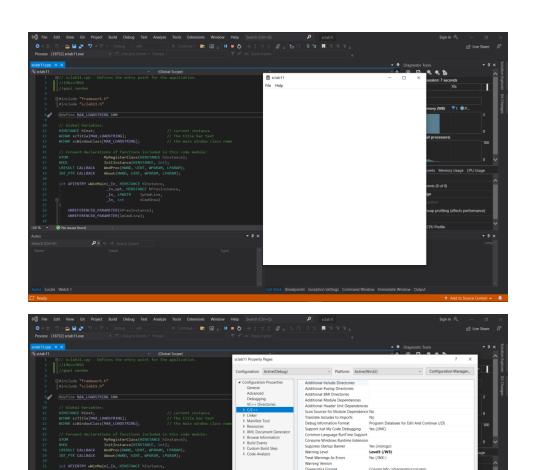
Download process explorer and verify the DEP & ASLR status

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

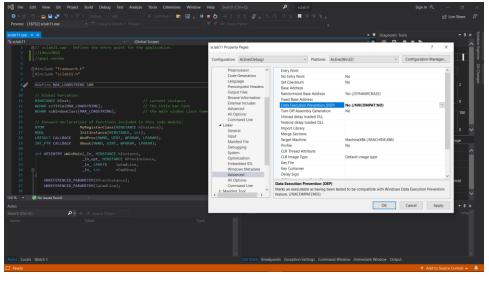
Again, verify the DEP & ASLR status in the process explorer

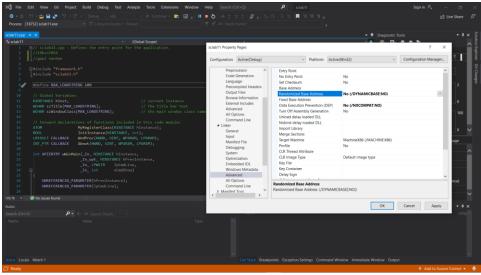
Report the same with separate screenshot - before and after enabling DEP & ASLR

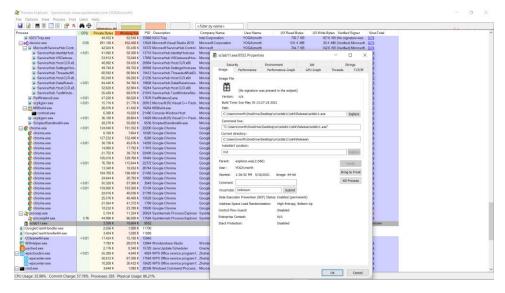




Now disabling Visual Studio DEP & ASLR, as they are enabled by default.







As we have seen through the above pictures and we can say that its automatically enables on its own as in default even after force disabling it. From this we can say that Windows is programmed to enable the services by default.