Lab-11

Lab experiment – Creating secure and safe executable

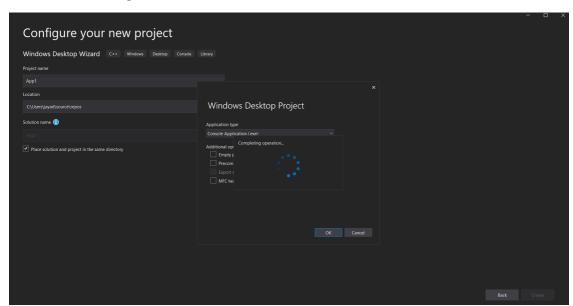
Download and install visual studio (recent edition)

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

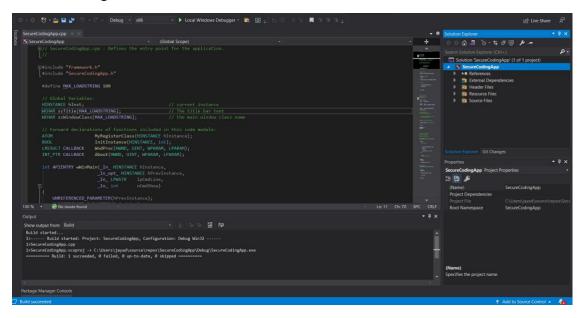
Download process explorer and verify the DEP & ASLR status Enable software DEP, ASLR and SEH in the visual studio and rebuild the same executable

Again, verify the DEP & ASLR status in the process explorer Report the same with separate screenshot - before and after enabling DEP & ASLR.

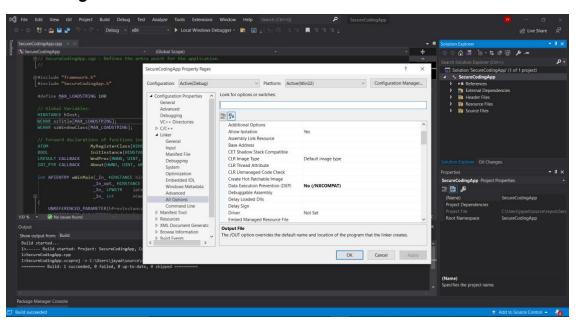
After installing Visual Studio-

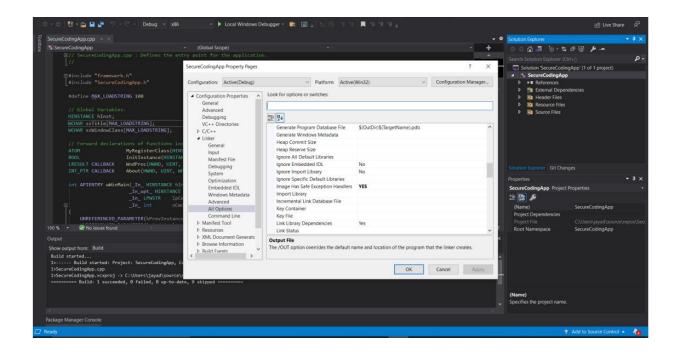


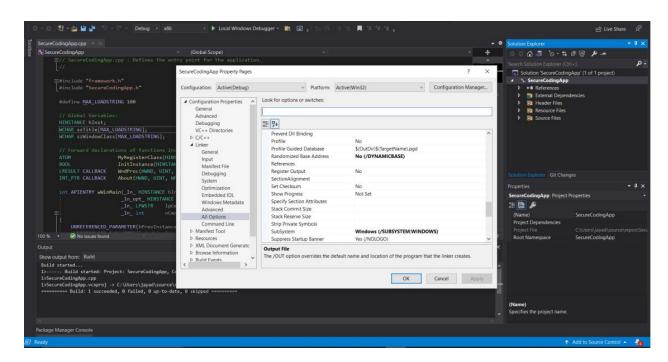
Generating .exe



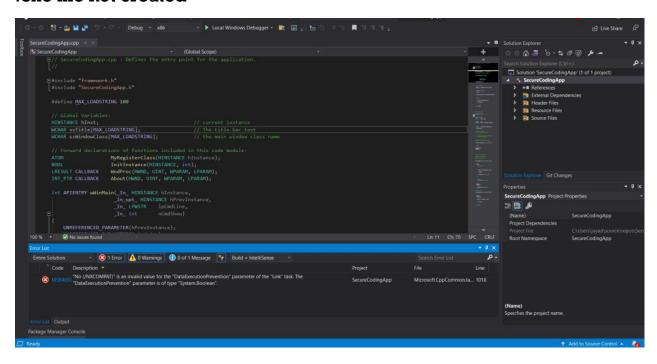
Disabling DER and ASLR



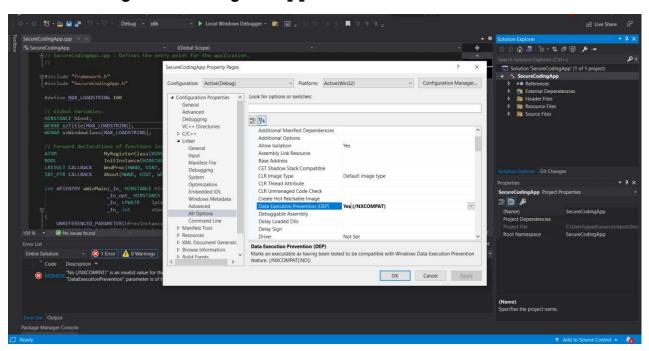


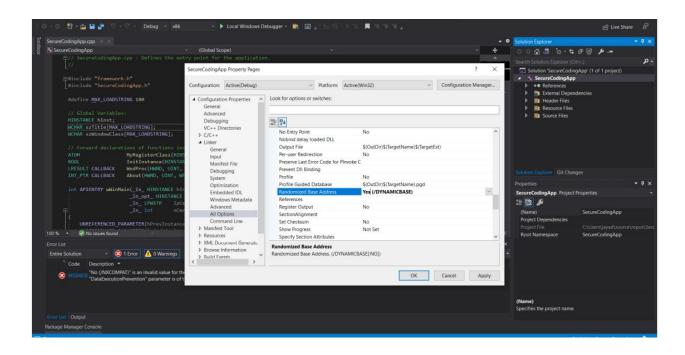


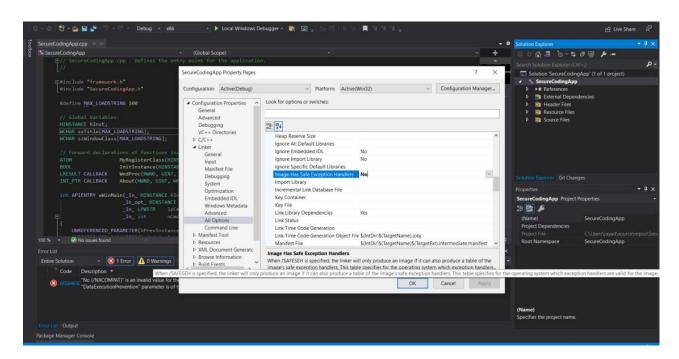
.exe file not created

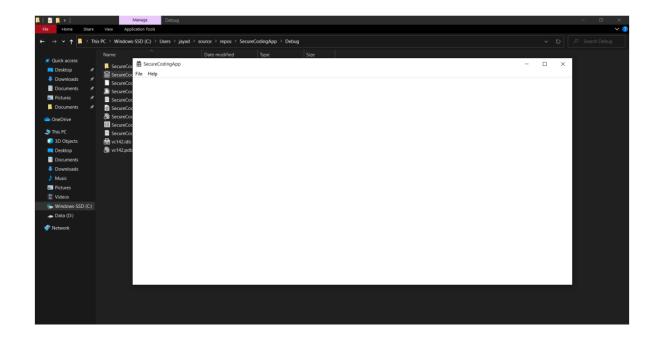


After enabling and running the app

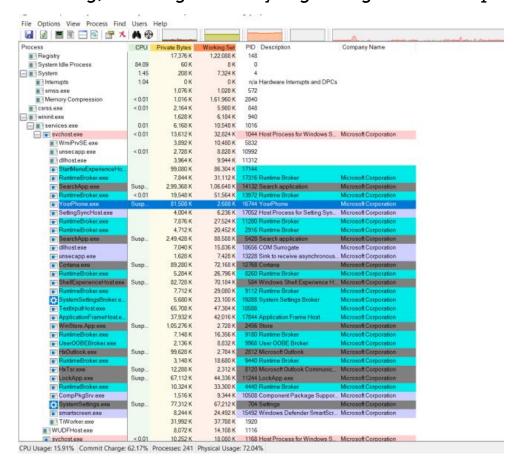


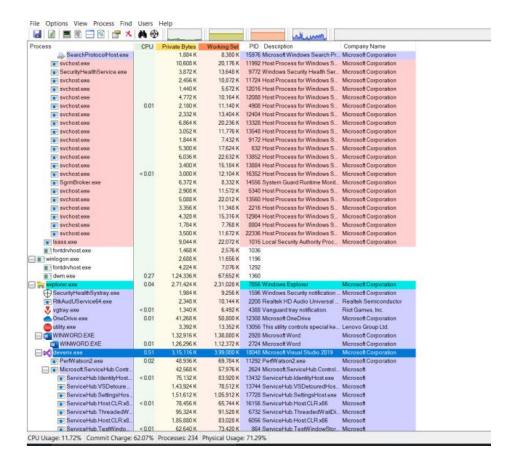


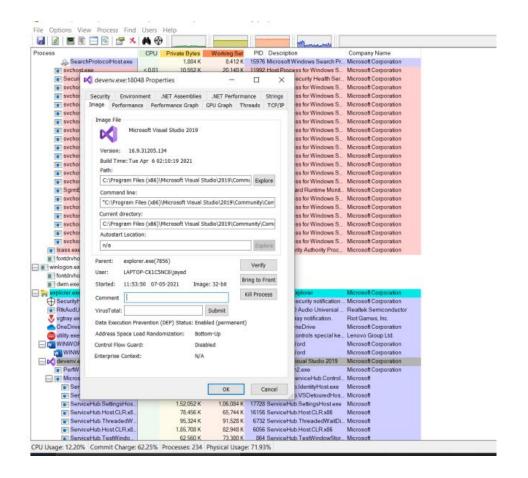




Downloading, installing and analysing through Process Explorer







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