

SECURE CODING

CSE-2010

LAB ASSIGNMENT -11

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L25+26

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

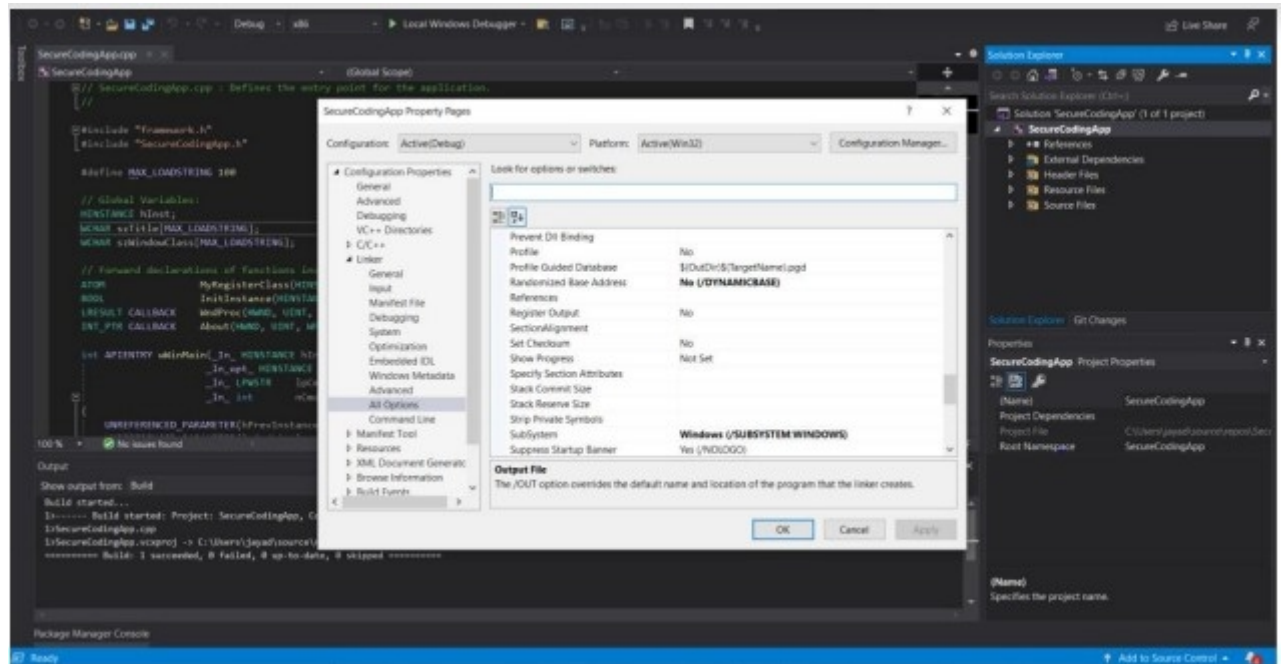
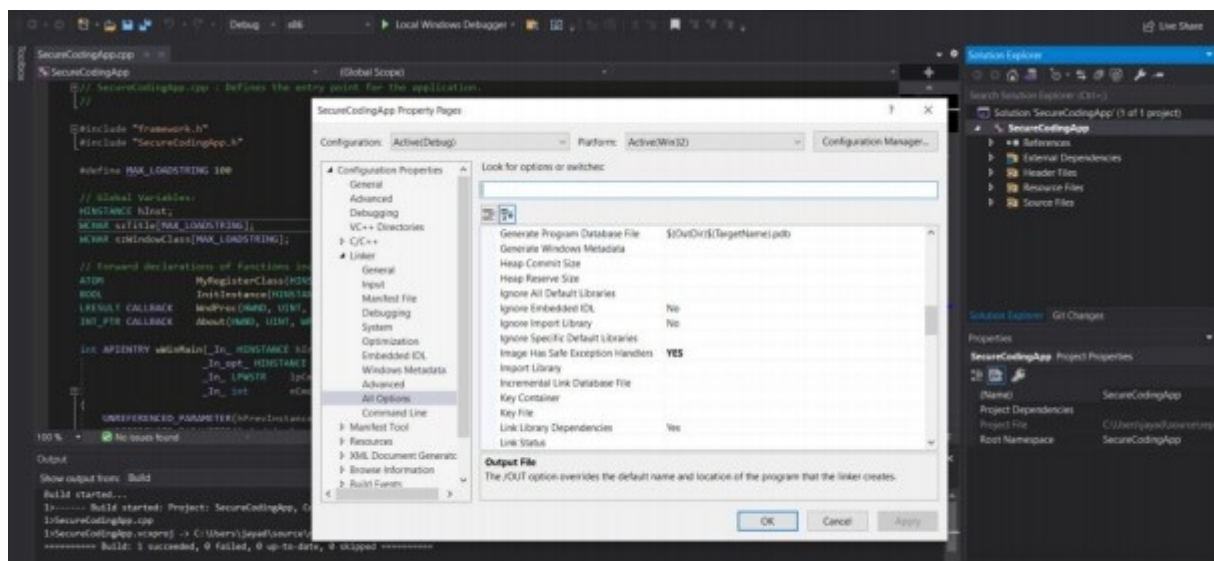
Enable software DEP, ASLR and SEH in the visual studio and rebuild the same executable

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

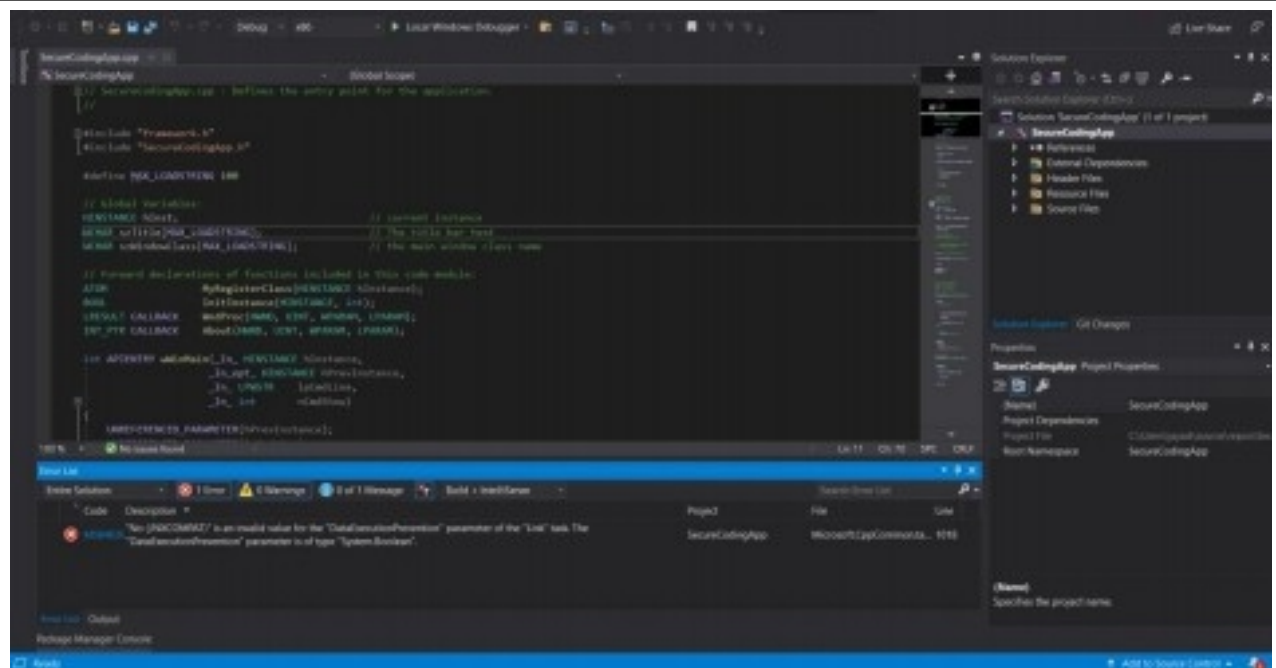
Report the same with separate screenshot - before and after enabling DEP & ASLR.

Generating .exe

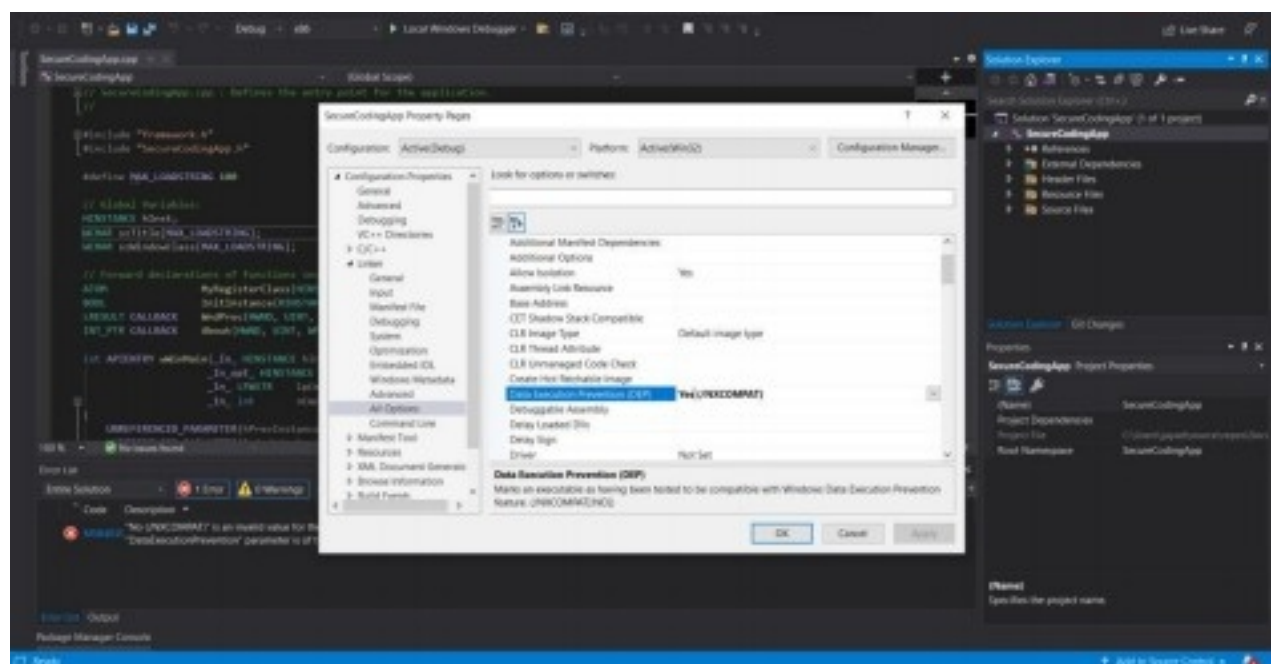


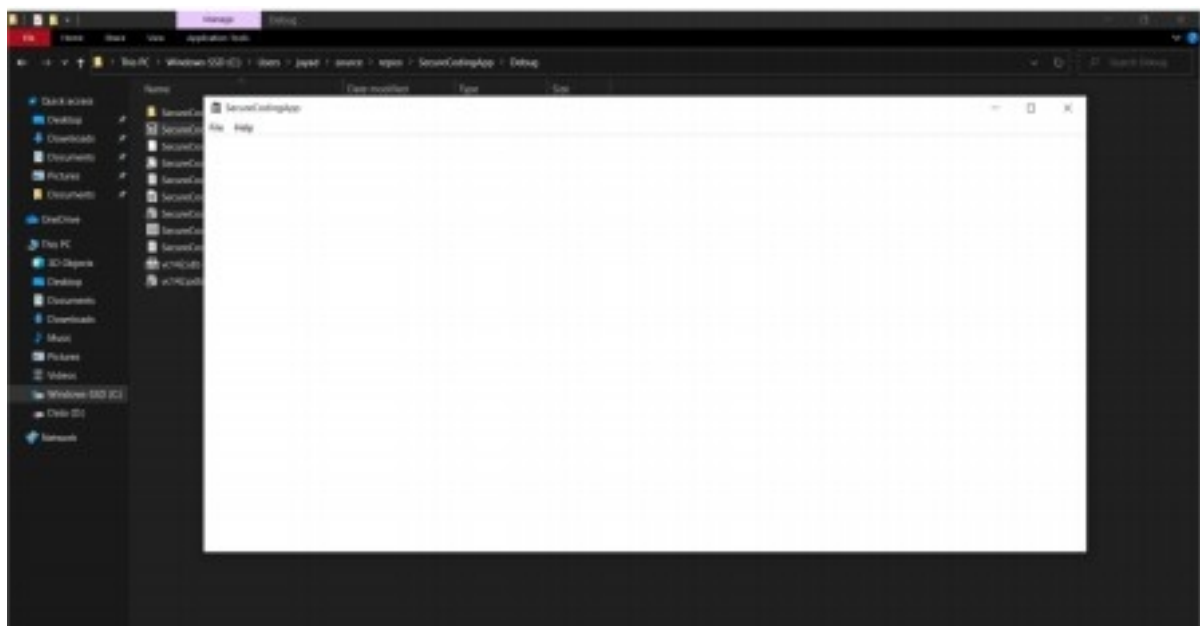
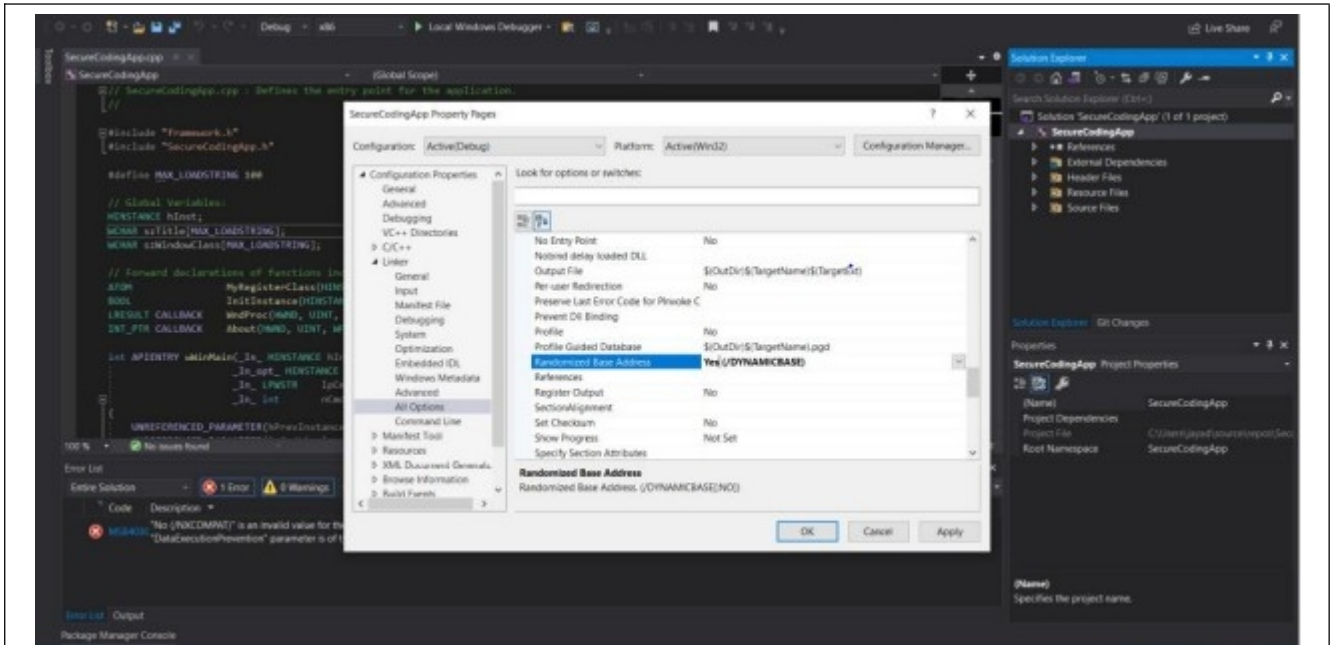


.exe file not created



After enabling and running the app





Downloading, installing and analysing through Process Explorer

Commit Charge: 62.25% Processes: 234 Physical Usage: 71.93%