Secure Coding

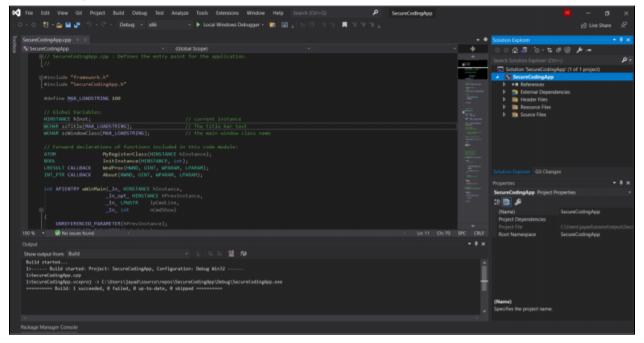
Lab experiment – Creating secure and safe executable

Download and install visual studio (recent edition)
Write a C++ code of your own to build an executable and run the same.

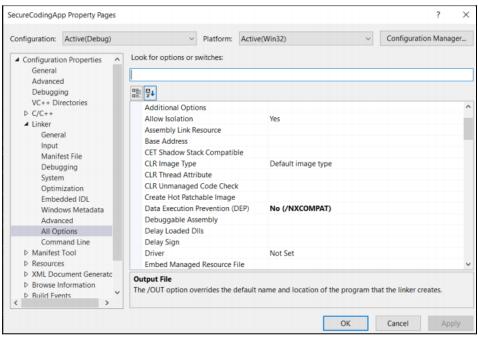
Download process explorer and verify the DEP & ASLR status Enable software DEP, ASLR and SEH in the visual studio and rebuild the same executable

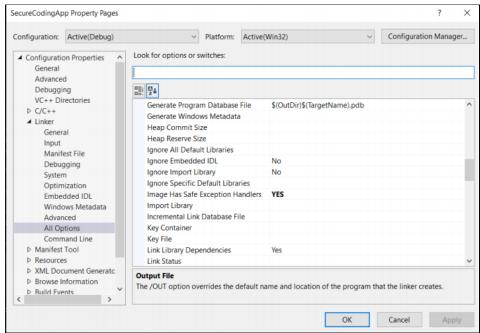
Again, verify the DEP & ASLR status in the process explorer Report the same with separate screenshot - before and after enabling DEP & ASLR.

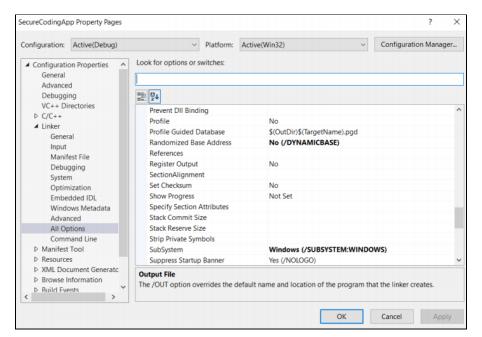
Building the executable



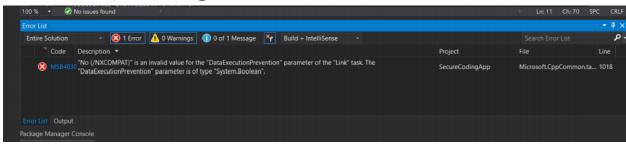
Disabling DEP and ASLR



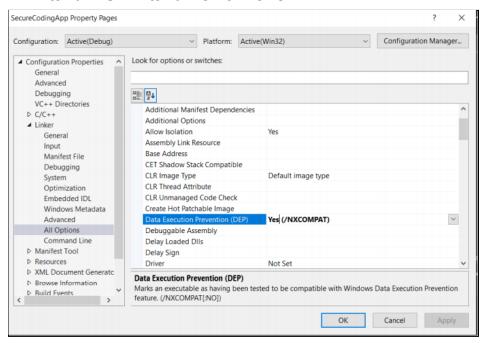


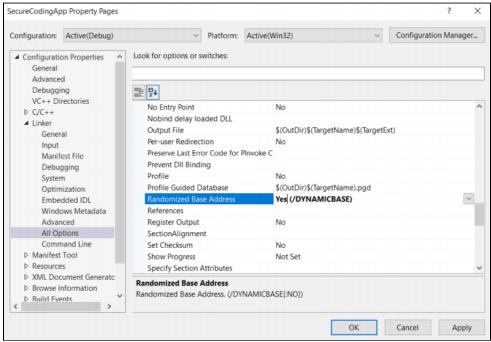


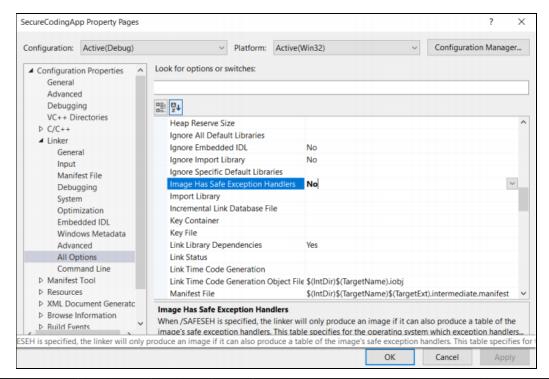
Build failed, exe not generated

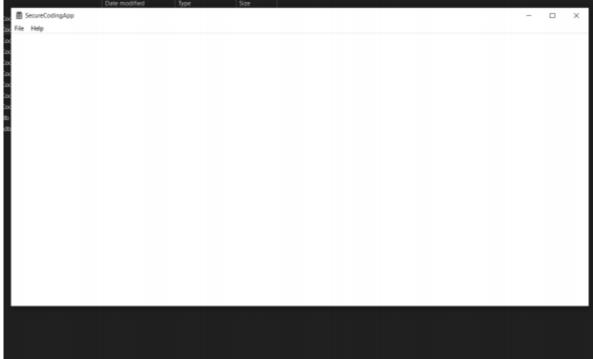


Enable DEP and ASLR and re run the APP









It works fine.

Process explorer

