## Secure Coding (CSE 2010) LAB Experiment: 11

Done by,

**Aadil Mohammed** 

Reg.No:19BCI7052

SLOT: L23+L24

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

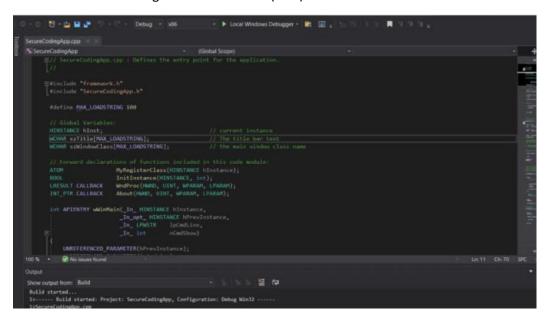
Enable software DEP, ASLR and SEH in the visual studio and rebuild the same executable

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

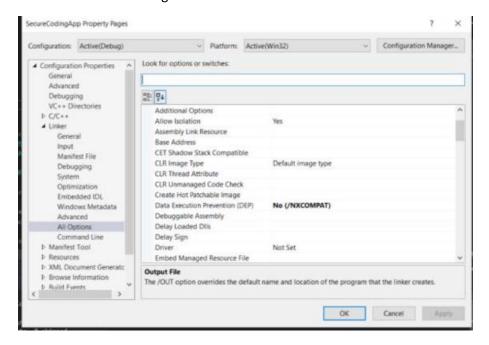
Report the same with separate screenshot - before and after enabling DEP & ASLR.

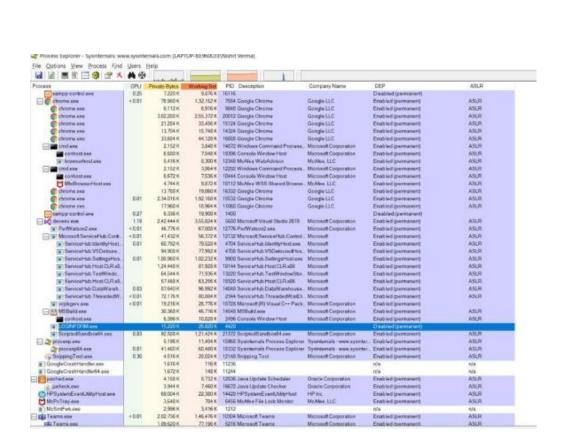
**Happy Learning!!!** 

• Creating a new executable (.exe) file



Disabling DER and ASLR:





 When DEP and ASLR status in program explorer when DEP and ASLR has been enabled in visual studio for the executable file.

