# **SECURE CODING LAB 11**

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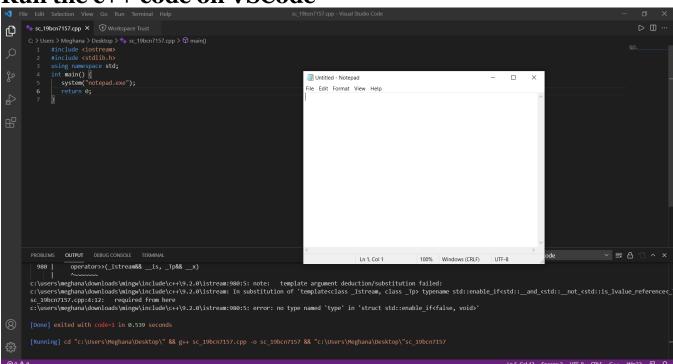
Lab experiment - Creating secure and safe executable

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

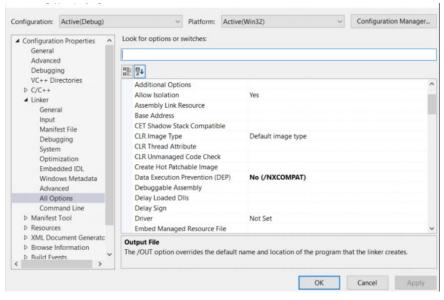
Download process explorer and verify the DEP & ASLR status Enable software DEP, ASLR and SEH in the visual studio and rebuild the same executable

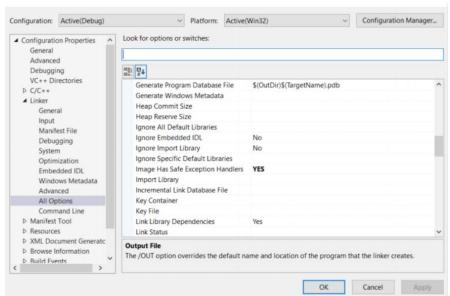
Again, verify the DEP & ASLR status in the process explorer Report the same with separate screenshot - before and after enabling DEP & ASLR.

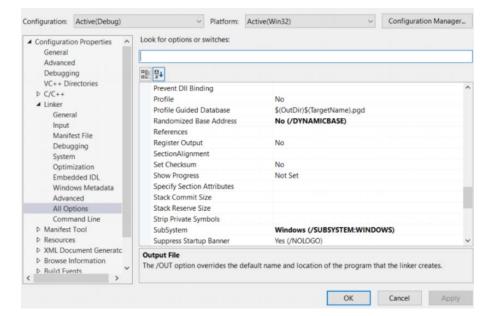
# Run the c++ code on VSCode



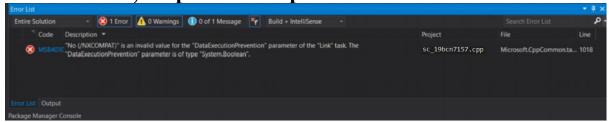
## **Disable The DEP and ASLR**



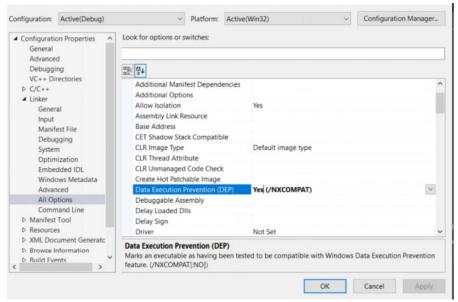


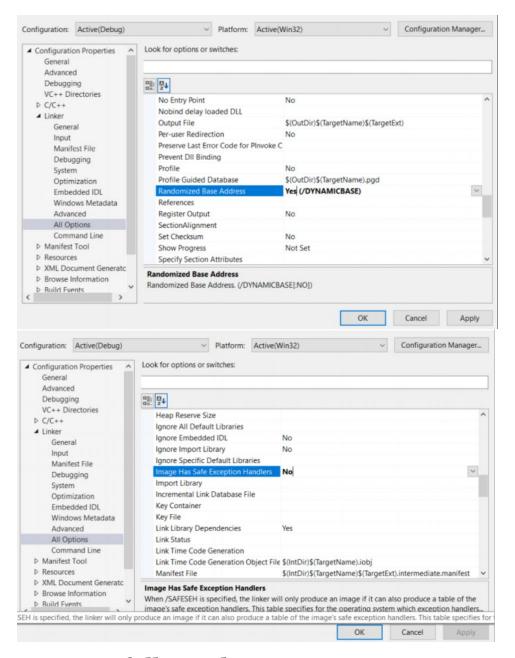


Built is failed, notpad didn't open

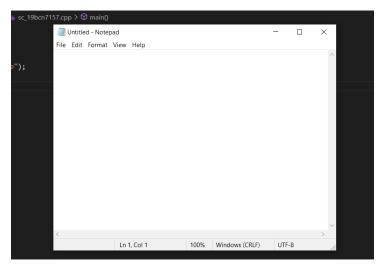


### **Enable DEP AND ASLR**





# It successfully works



## **In Process Explorer**

