

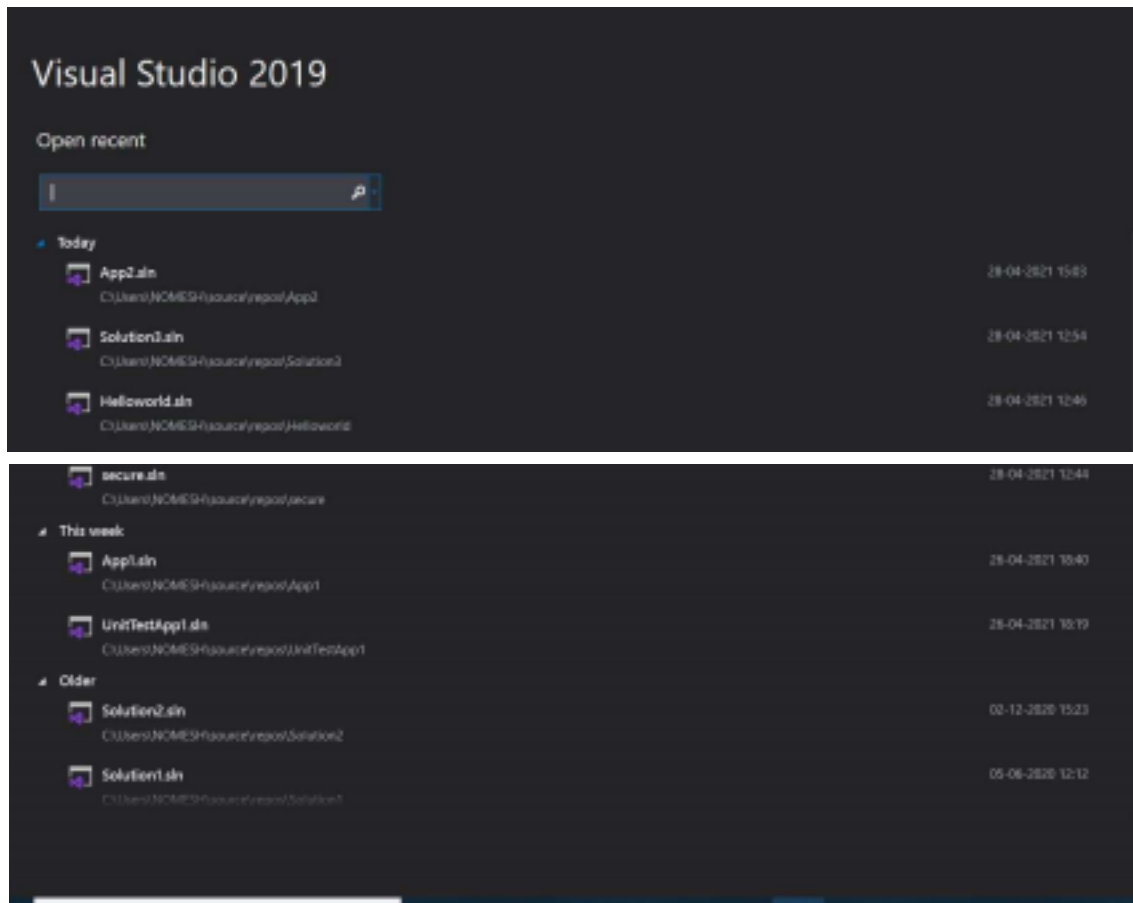
Secure coding

Y.Manideep

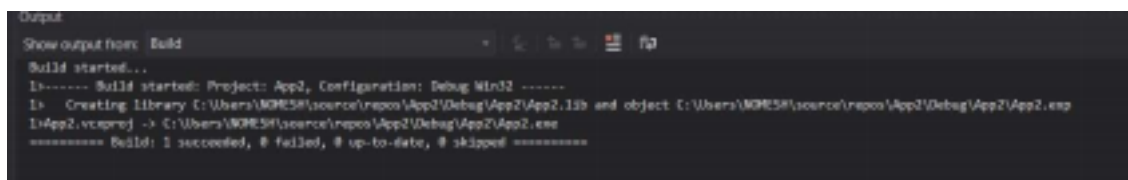
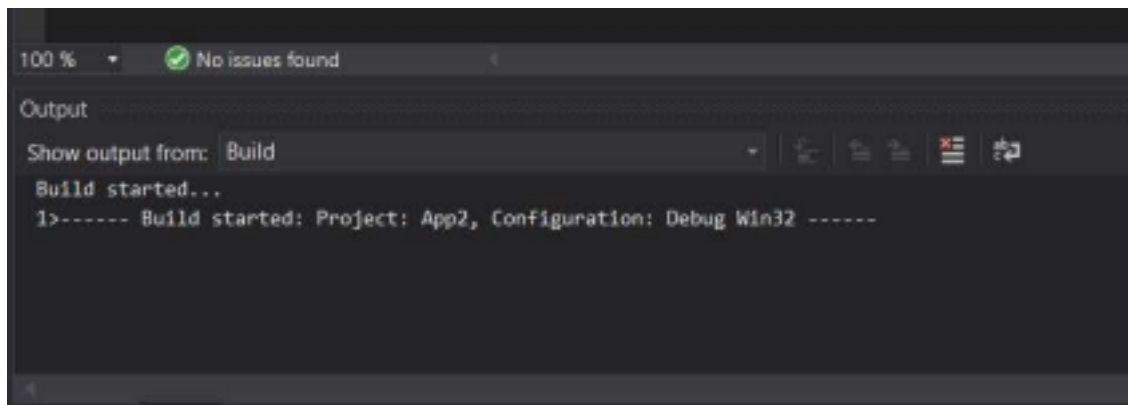
18BCN7093

Lab-11

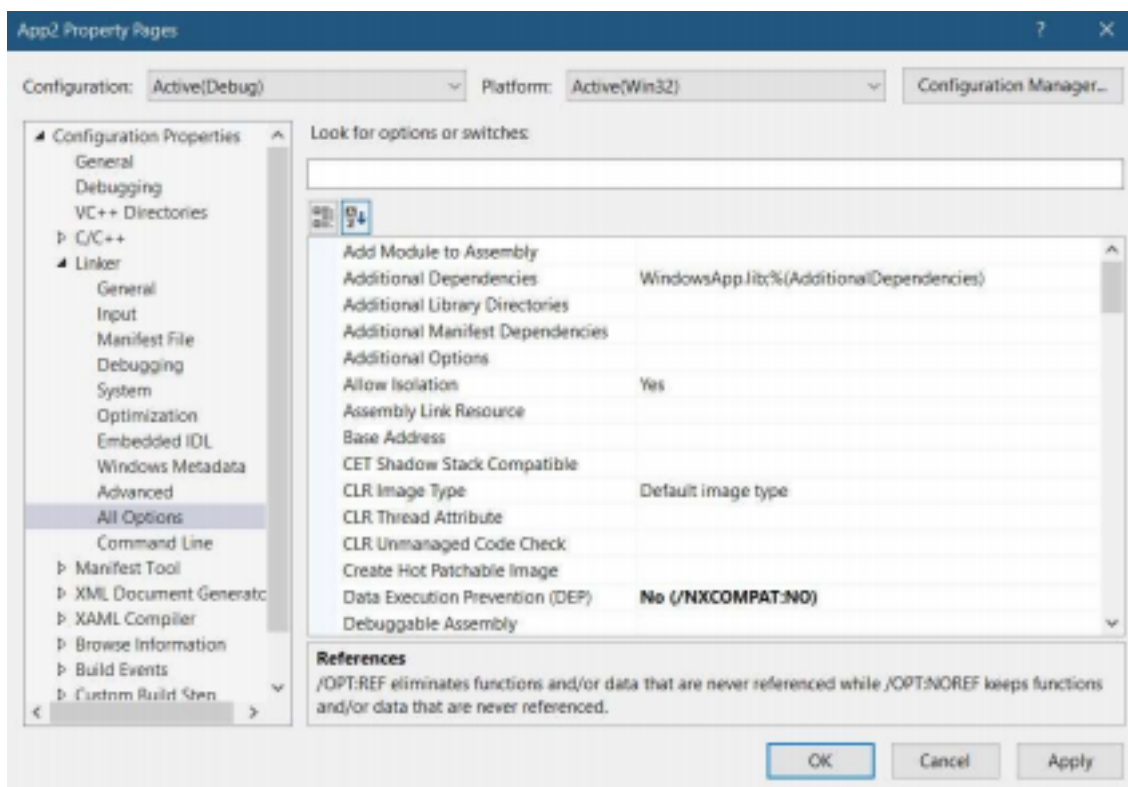
Installing the Visual studio[2019]



Generating the .exe file



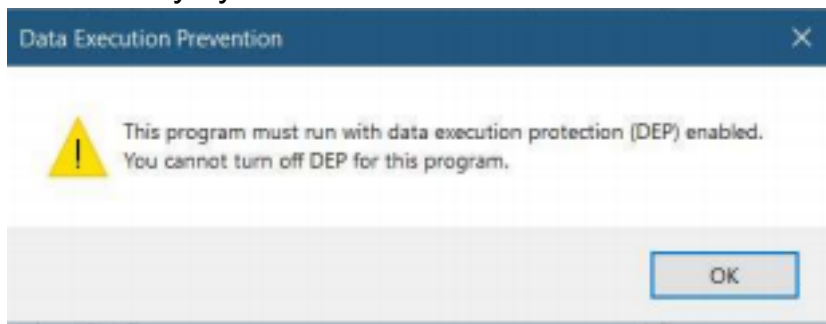
Disabling the DEP and ALSR



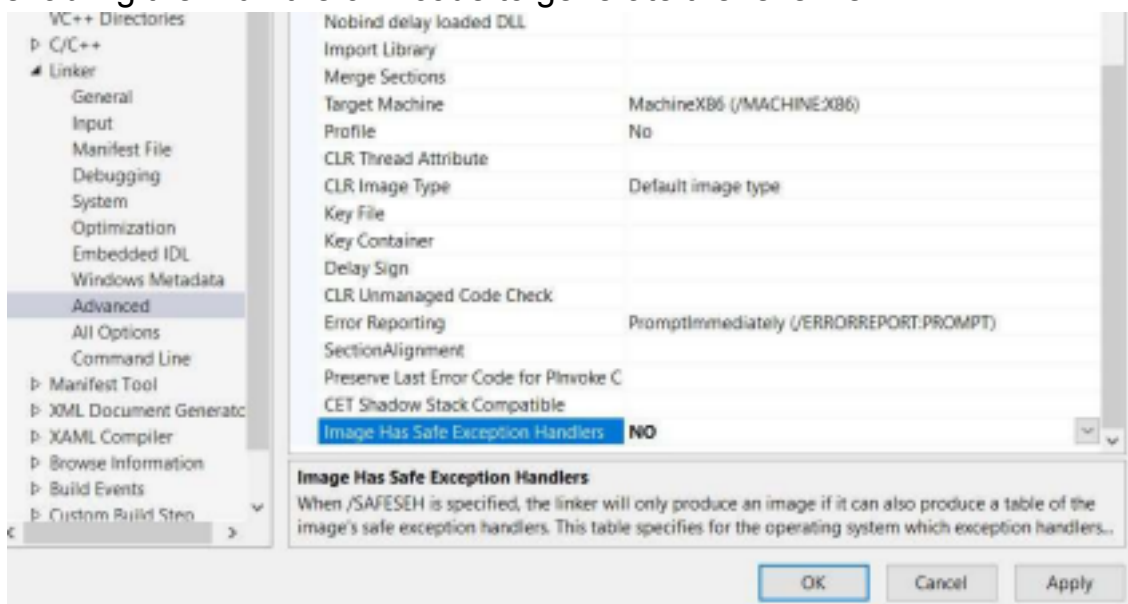
Heap Reserve Size	
Ignore All Default Libraries	
Ignore Embedded IDL	No
Ignore Import Library	Yes
Ignore Specific Default Libraries	
Image Has Safe Exception Handlers	YES
Import Library	

MIDL Commands	
Minimum Required Version	
Module Definition File	
No Entry Point	No
Nobind delay loaded DLL	
Output File	\$(OutDir)\$(TargetName)\$(TargetExt)
Per-user Redirection	No
Preserve Last Error Code for PInvoke C	
Prevent Dll Binding	
Profile	No
Profile Guided Database	\$(OutDir)\$(TargetName).pgd
Randomized Base Address	No (/DYNAMICBASE:NO)
References	
Register Output	No
SectionAlignment	

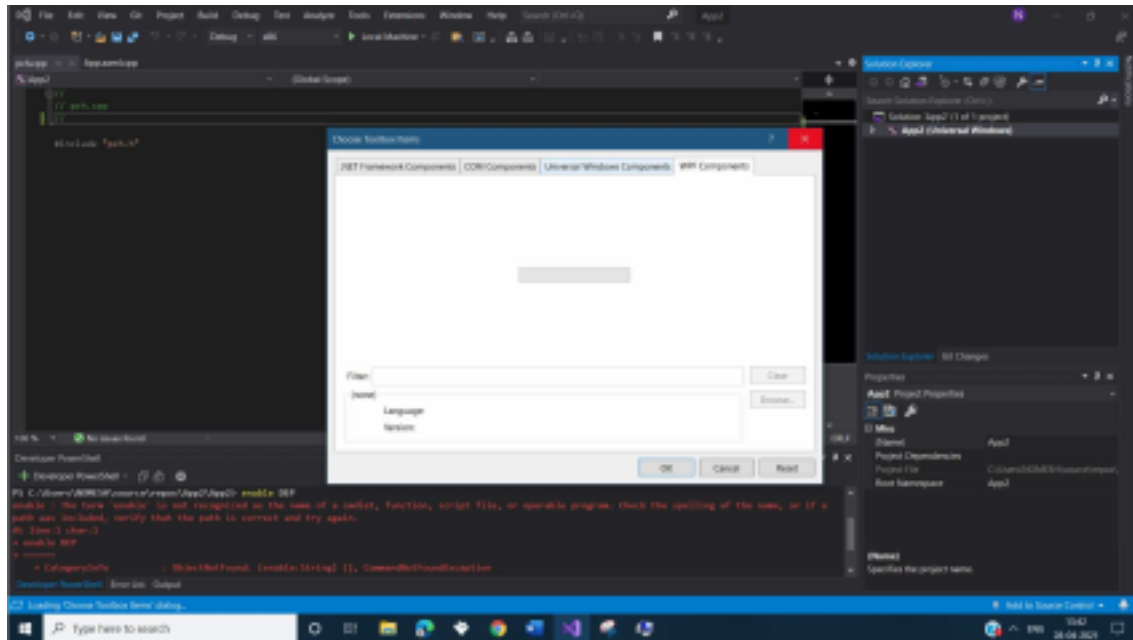
Without
the DEP my system does not allow me to build the .exe file



After
enabling the I run the c++ code to generate the .exe file



The visual studio is not responding after I enabled the ALSR



Process Explorer Status

chrome.exe		22,208 K	44,564 K	17136	Google Chrome	Google LLC	Enabled (permane...	ASLR
chrome.exe		17,856 K	23,164 K	2152	Google Chrome	Google LLC	Enabled (permane...	ASLR
Server.exe	1.30	2,46,852 K	3,68,992 K	10096	Microsoft Visual Studio 2019	Microsoft Corporation	Enabled (permane...	ASLR
PerfWatson2.exe	+ 0.01	48,792 K	68,516 K	11976	PerfWatson2.exe	Microsoft Corporation	Enabled (permane...	ASLR
Microsoft.ServiceHub.C...		36,148 K	58,676 K	13196	Microsoft ServiceHub Control...	Microsoft	Enabled (permane...	ASLR