

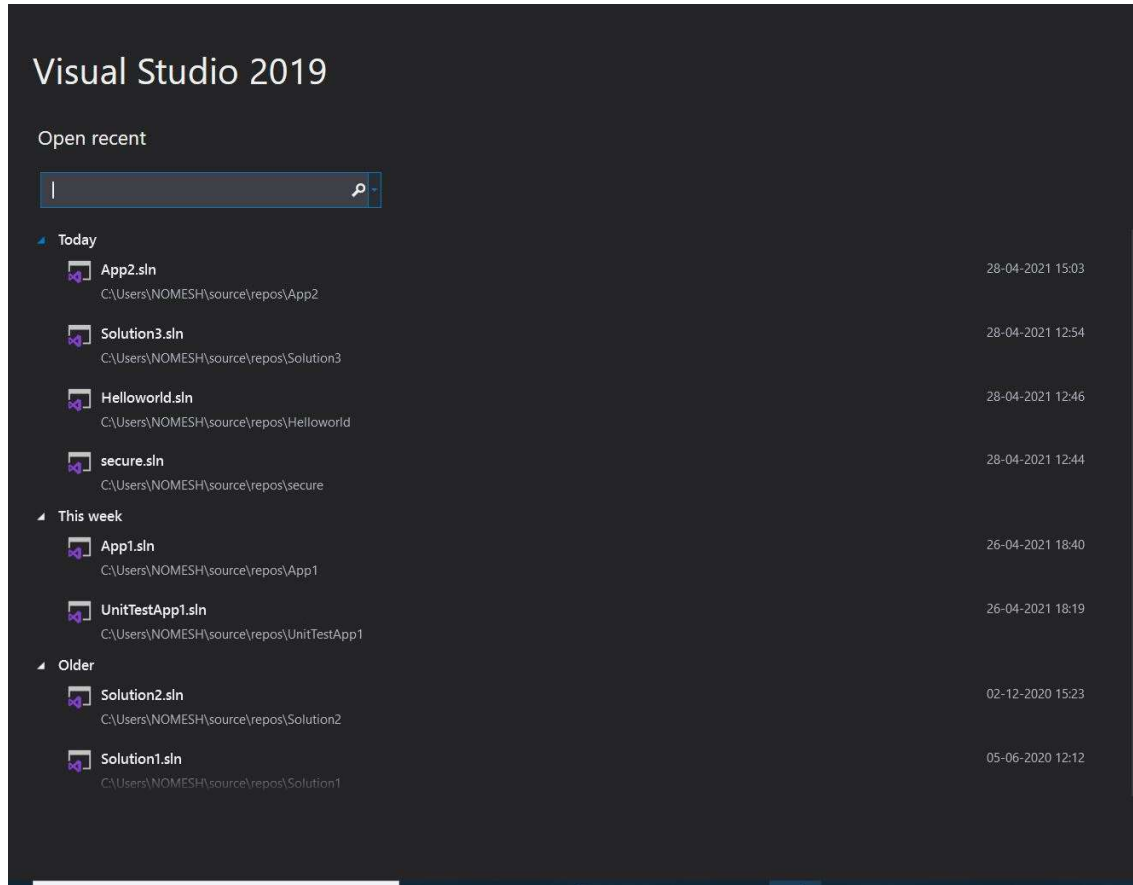
# Secure coding

Nomesh P

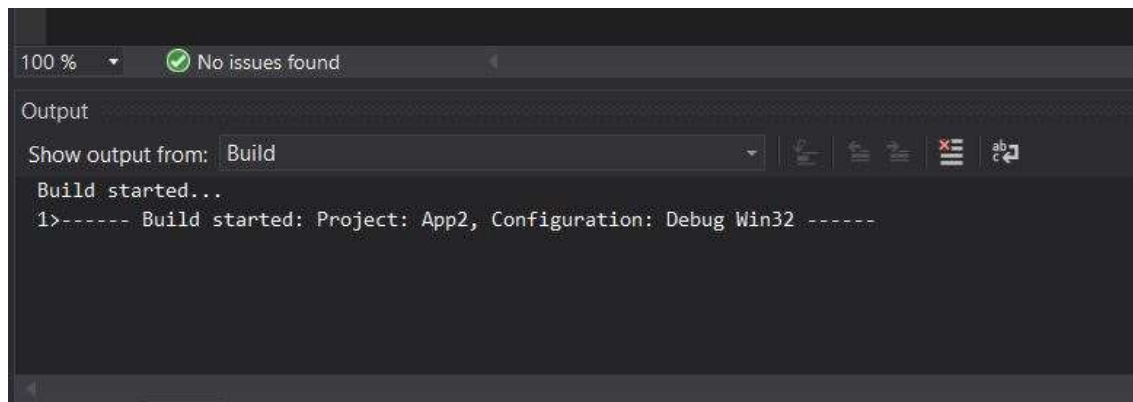
18BCN7105

Lab-11

## Installing the Visual studio[2019]

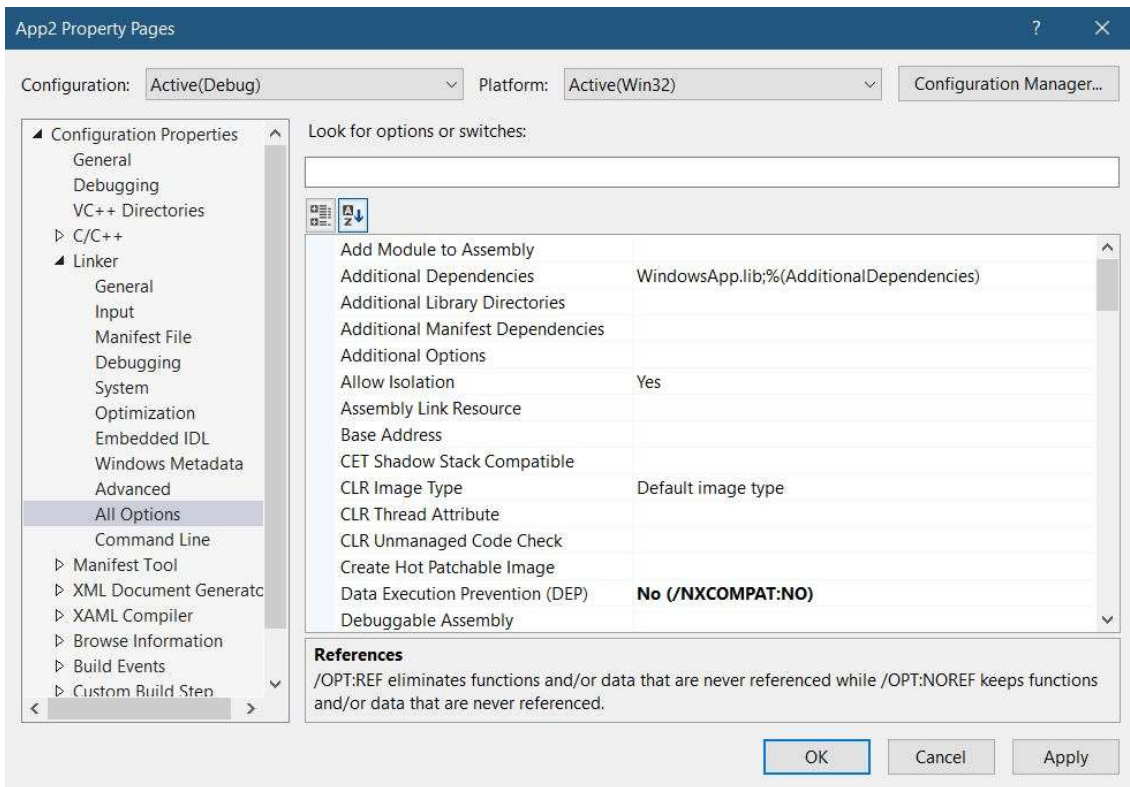


## Generating the .exe file



```
Output
Show output from: Build
Build started...
1>----- Build started: Project: App2, Configuration: Debug Win32 -----
1> Creating library C:\Users\NOMESH\source\repos\App2\Debug\App2\App2.lib and object C:\Users\NOMESH\source\repos\App2\Debug\App2\App2.exp
1>App2.vcxproj -> C:\Users\NOMESH\source\repos\App2\Debug\App2\App2.exe
***** Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped *****
```

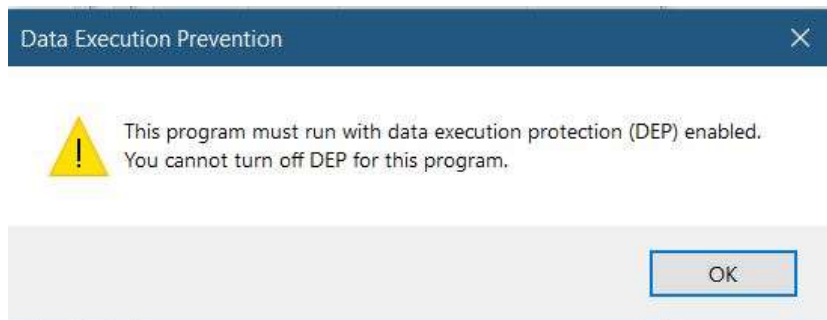
## Disabling the DEP and ALSR



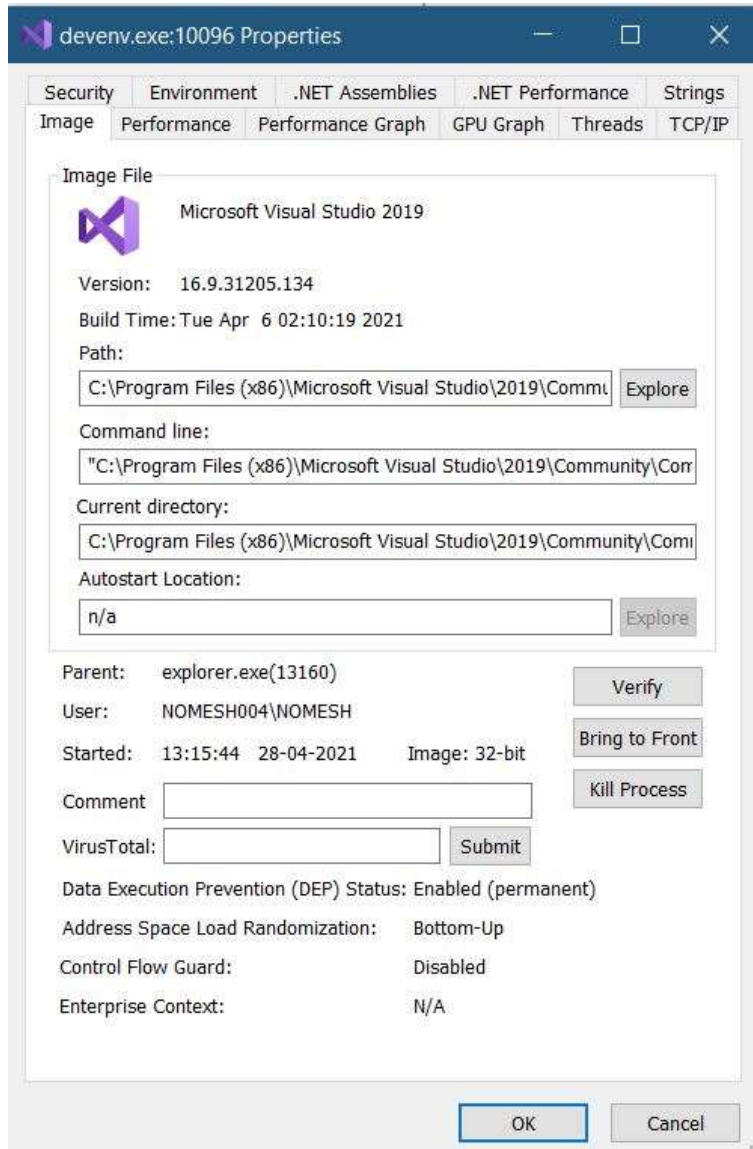
Heap Reserve Size	
Ignore All Default Libraries	
Ignore Embedded IDL	No
Ignore Import Library	Yes
Ignore Specific Default Libraries	
Image Has Safe Exception Handlers	YES
Import Library	

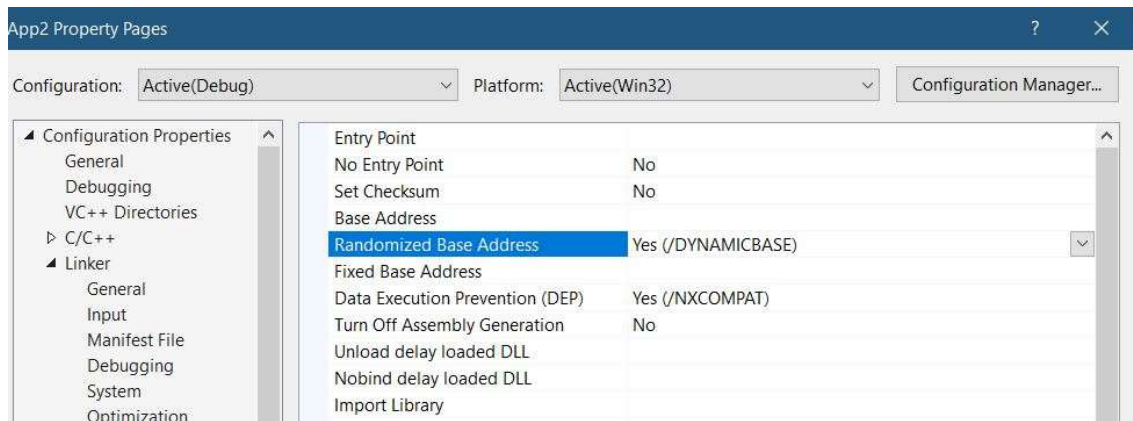
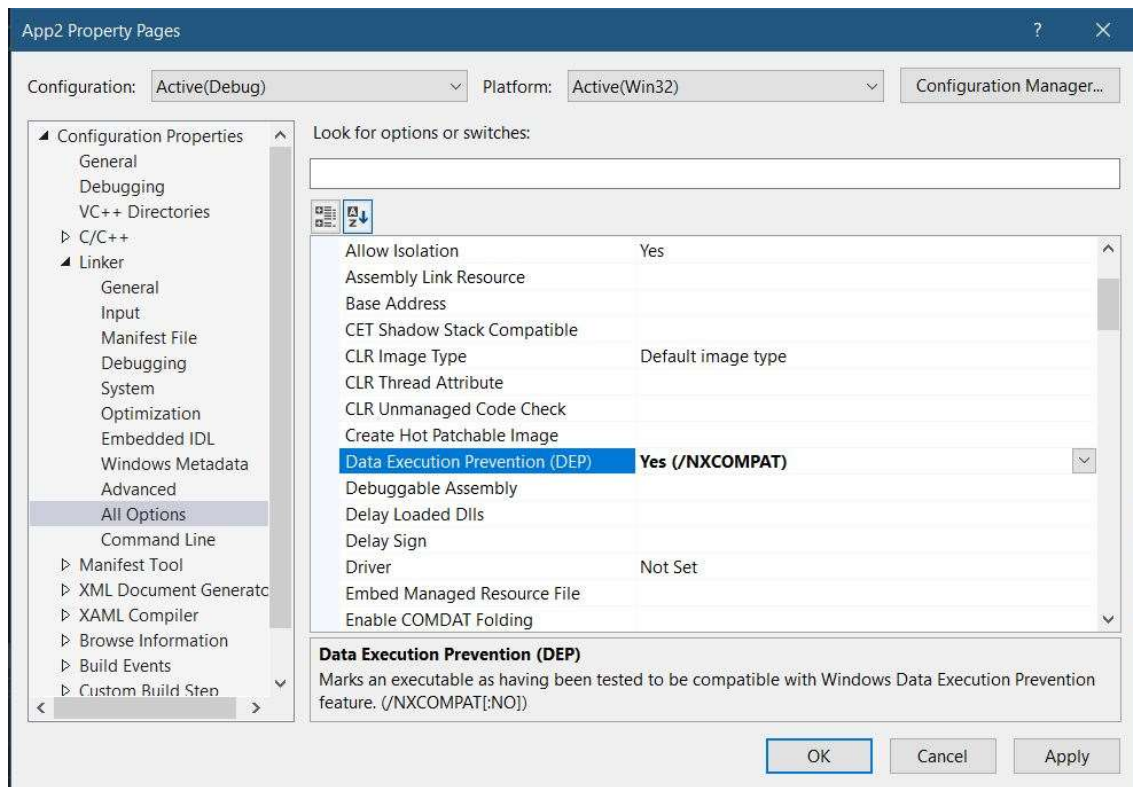
MIDL Commands	
Minimum Required Version	
Module Definition File	
No Entry Point	No
Nobind delay loaded DLL	
Output File	\$(OutDir)\$(TargetName)\$(TargetExt)
Per-user Redirection	No
Preserve Last Error Code for PInvoke C	
Prevent Dll Binding	
Profile	No
Profile Guided Database	\$(OutDir)\$(TargetName).pgd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

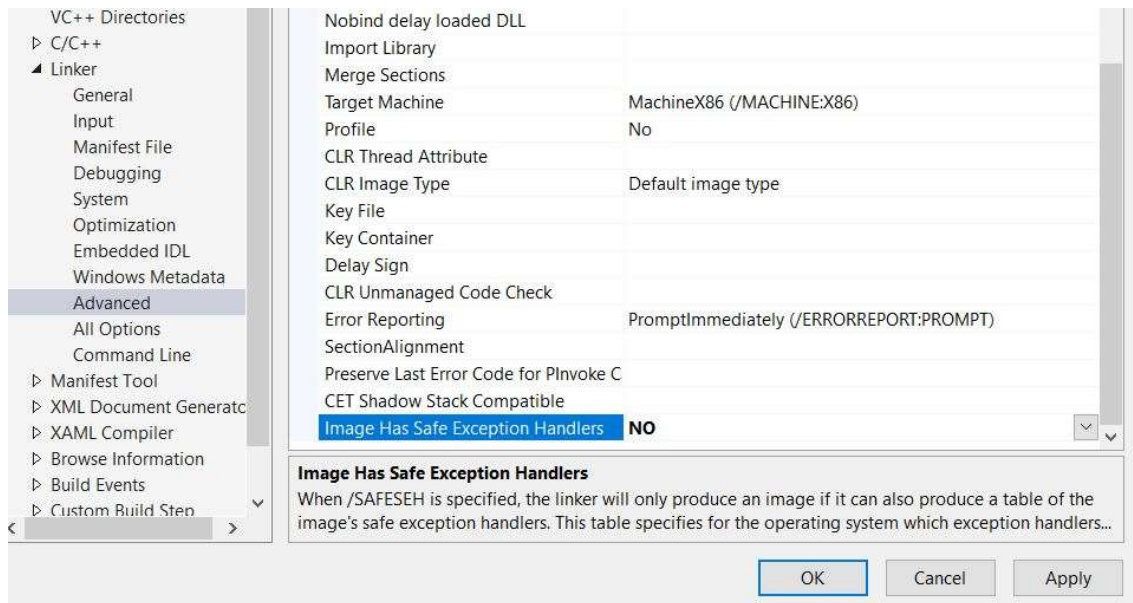
**Without the DEP my system does not allow me to build the .exe file**



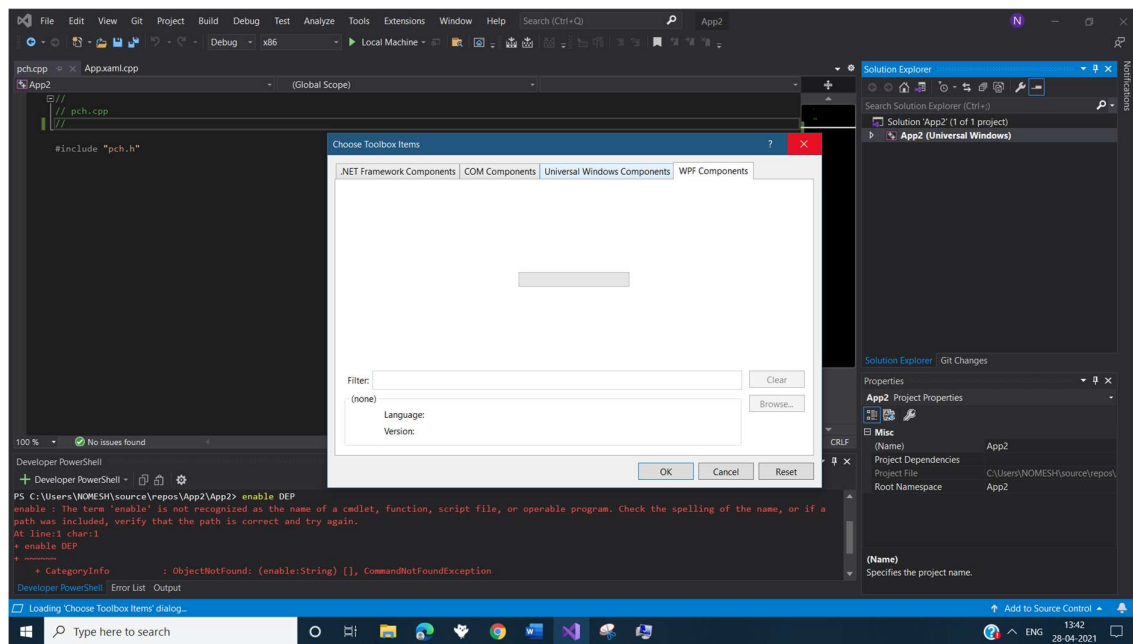
**After enabling the I run the c++ code to generate the .exe file**







The visual studio is not responding after I enabled the ALSR



Process Explorer Status

chrome.exe	24,307 K	72,007 K	7076 Google Chrome	Google LLC	Enabled (permane... ASLR
chrome.exe	22,200 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
devenv.exe	1.30	2,46,852 K	10096 Microsoft Visual Studio 2019	Microsoft Corporation	Enabled (permane... ASLR
PerfWatson2.exe	< 0.01	48,792 K	11916 PerfWatson2.exe	Microsoft Corporation	Enabled (permane... ASLR
Microsoft.ServiceHub.Cont...	35,140 K	50,676 K	13156 Microsoft.ServiceHub.Control...	Microsoft	Enabled (permane... ASLR