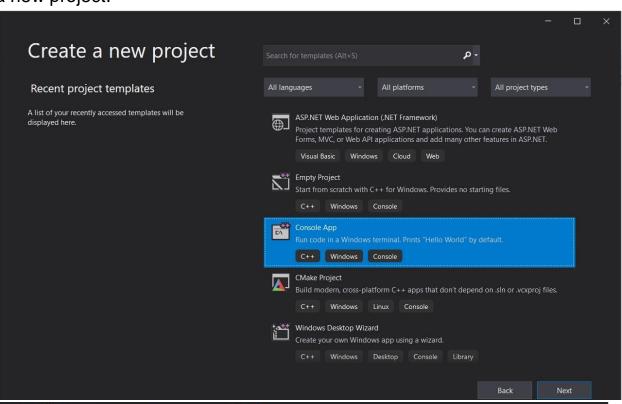
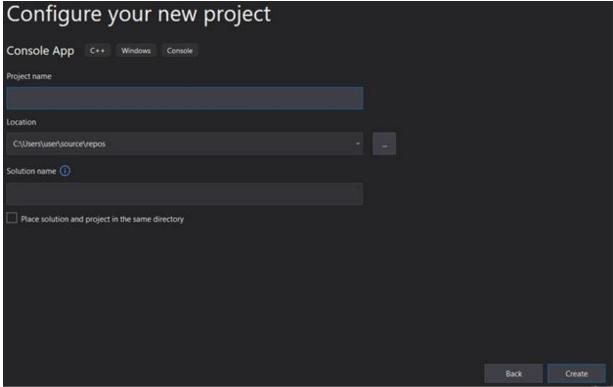
SECURE CODING LAB

TOPIC: Creating Secure And Safe Executable

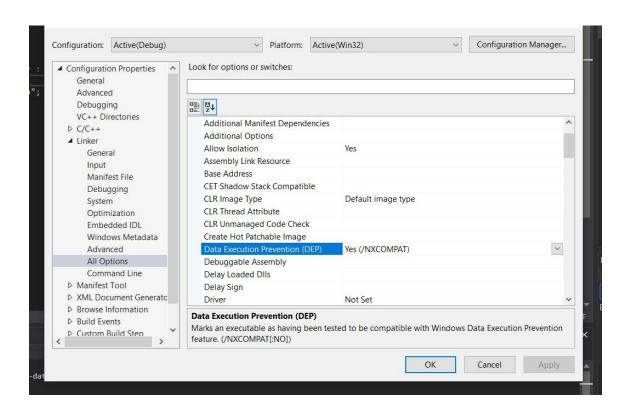
RISHAV DHIMAN 18BCN7030

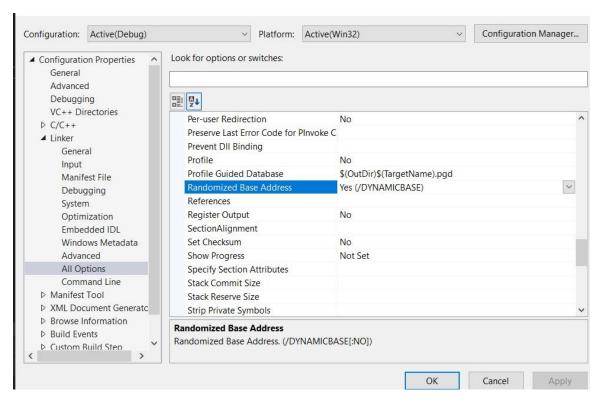
 Downloaded visual studio and process explorer. • Creating a new project.



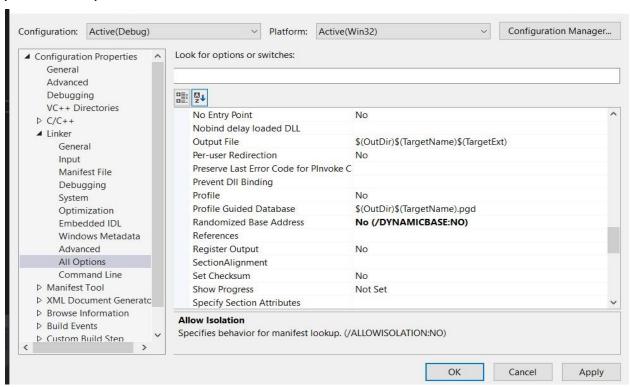


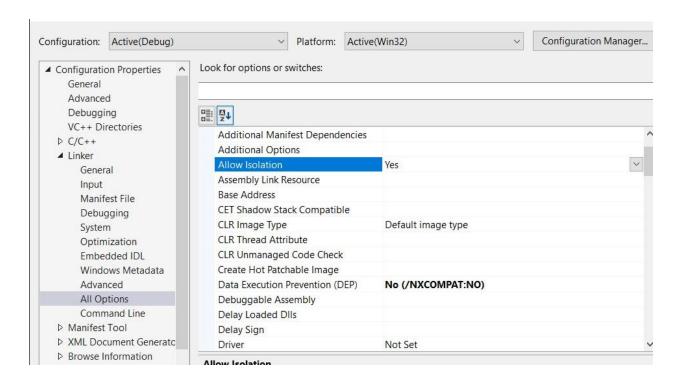
 Visiting the properties of the project and verifying the DEP,ASLR and SEH properties.





Changing the default option to **no** in command line to check them in process explorer



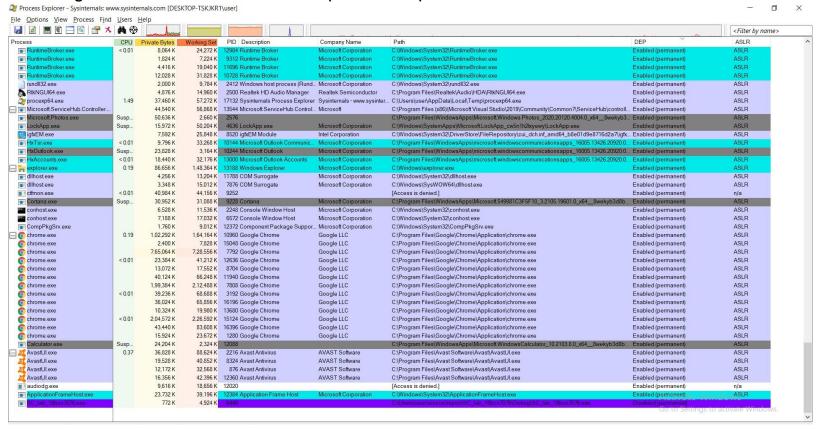


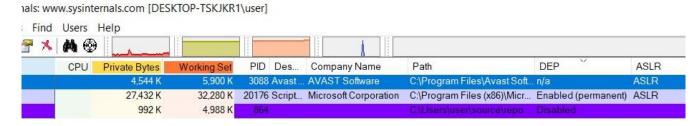
After executing the file .cpp

```
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.

Press any key to close this window . . .
```

Checking the DEP and ASLR status in process explorer





Again enabling the DEP and ASLR status and also the SEH



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Find Users Help	
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CPU	Private Bytes	Working Set	PID Des	Company Name	Path	DEP	ASLR
	4,476 K	5,812 K	3088 Avast	AVAST Software	C:\Program Files\Avast Soft	n/a	ASLR
	784 K	4,924 K	8792		C:\Users\user\source\repo	Enabled (permanent)	ASLR
	27,432 K	55,012 K	20176 Script	Microsoft Corporation	C:\Program Files (x86)\Micr	Enabled (permanent)	ASLR