

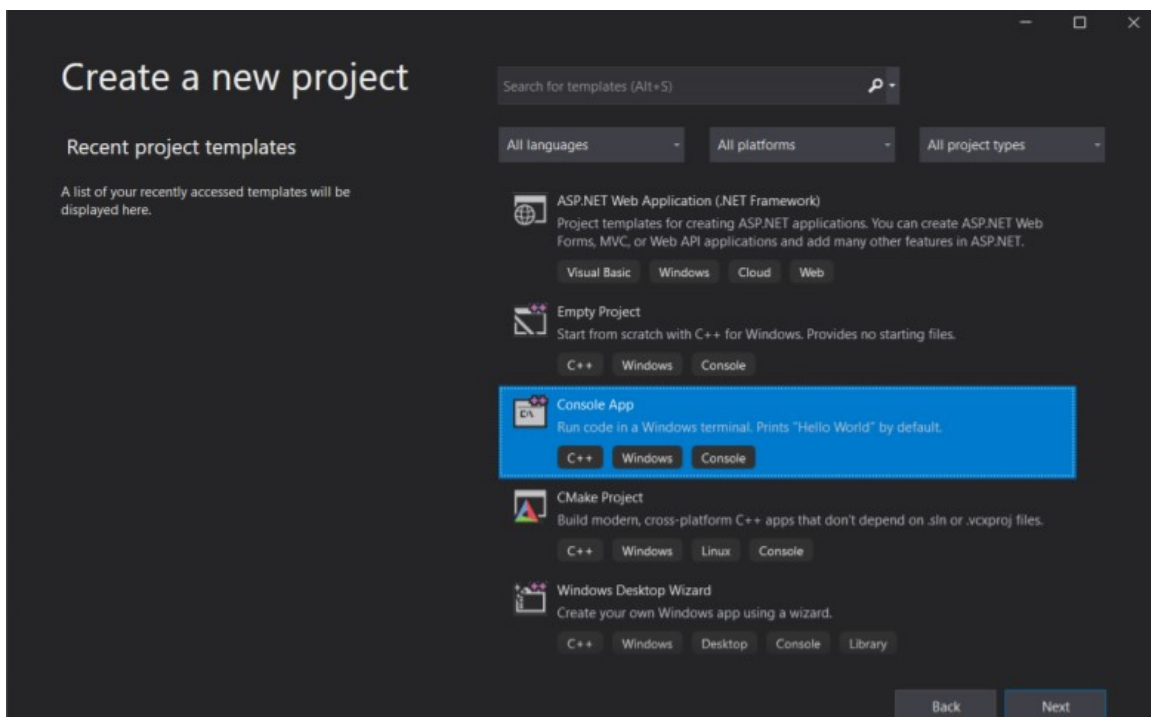
Name: Shreyash Vinod Katare

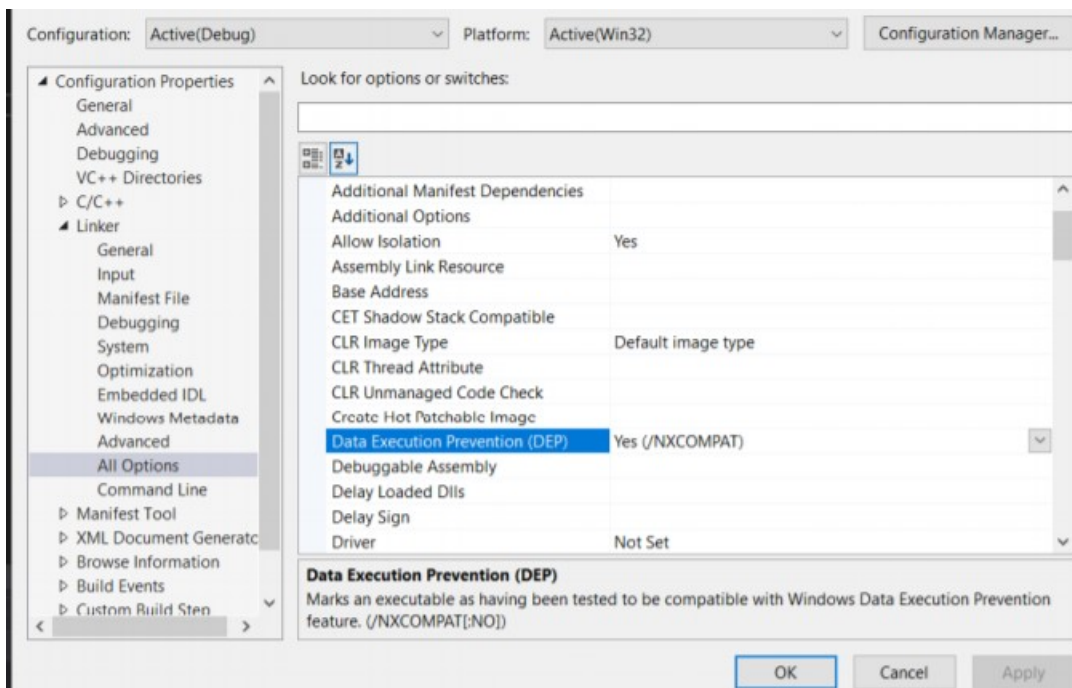
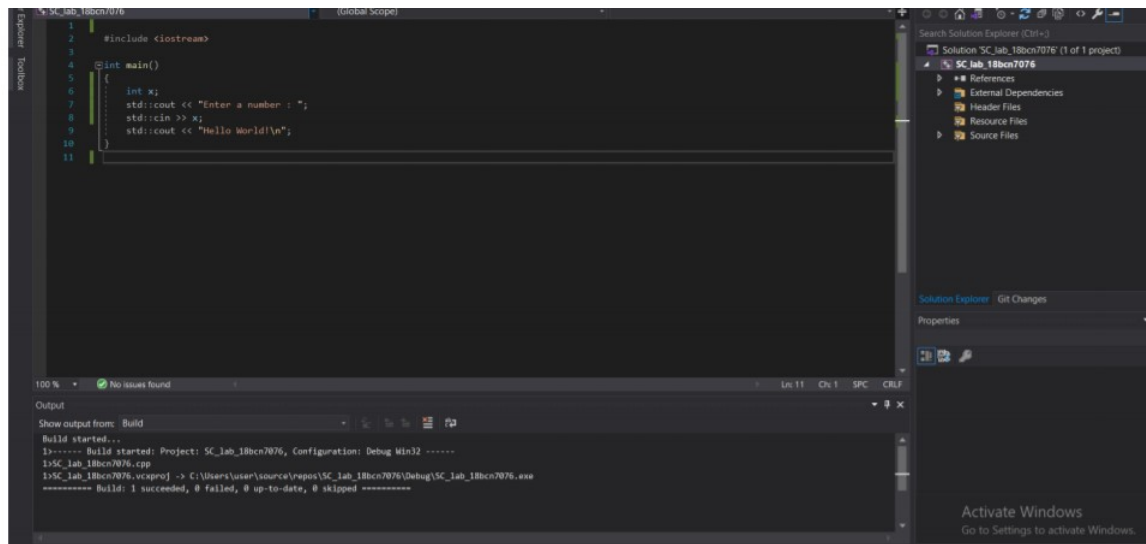
Reg. No. : 18BCN7035

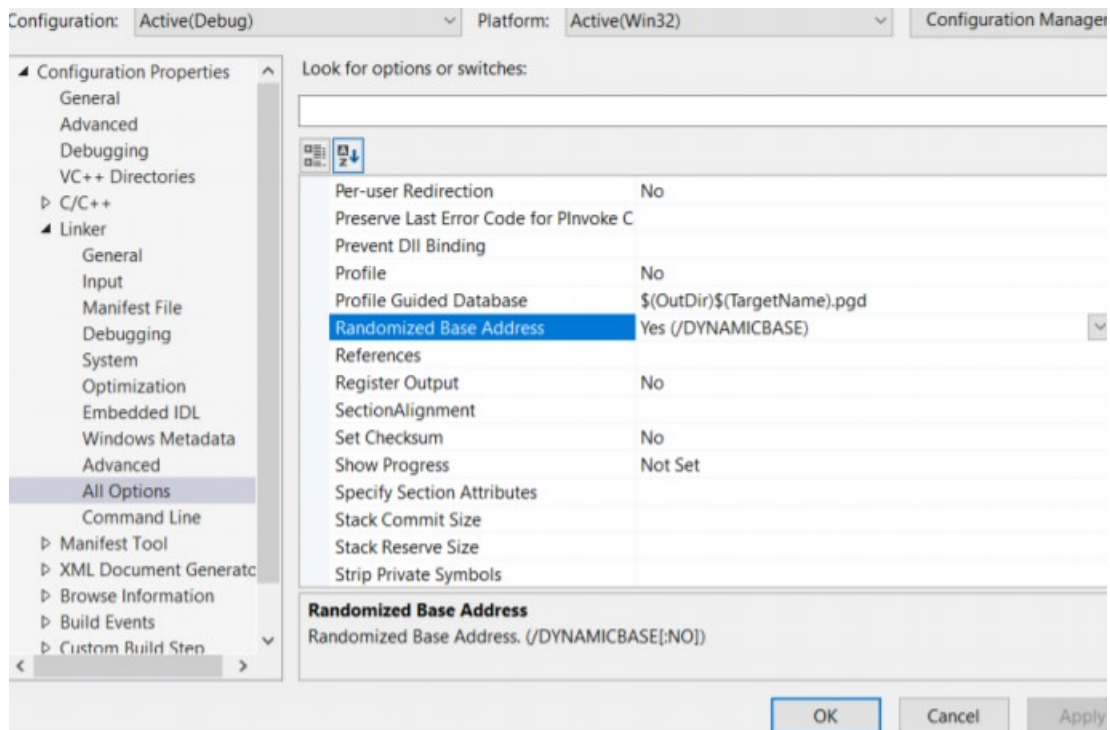
Topic: Creating Secure And Safe Executable

Downloaded visual studio and process explorer.

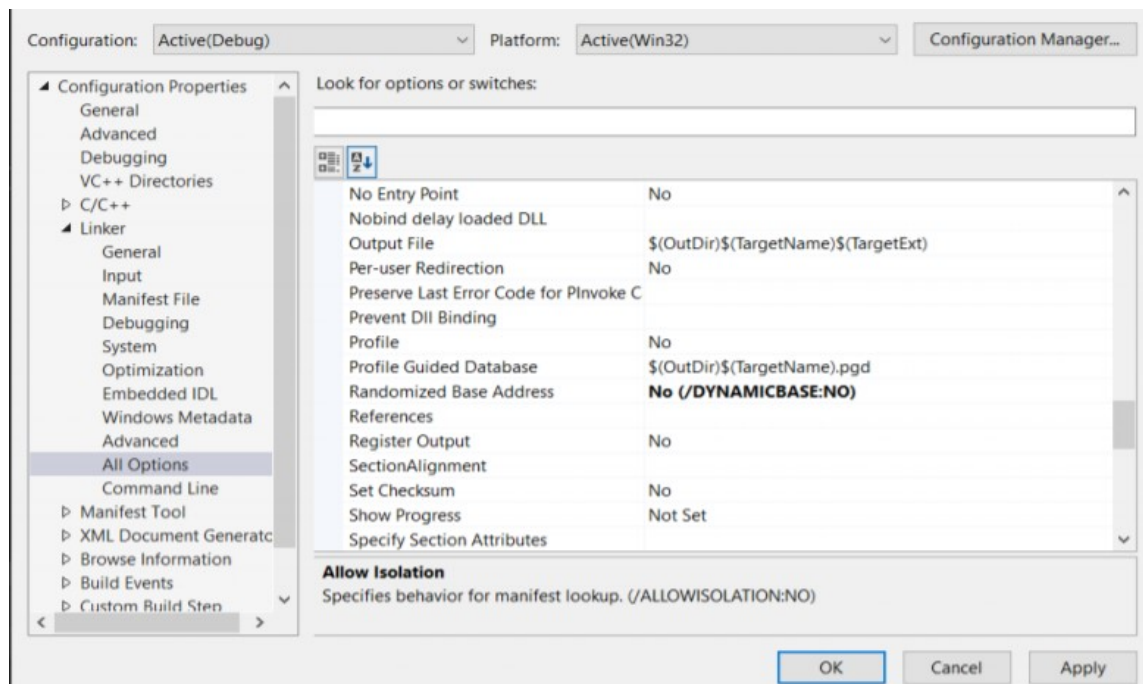
Creating a new project.

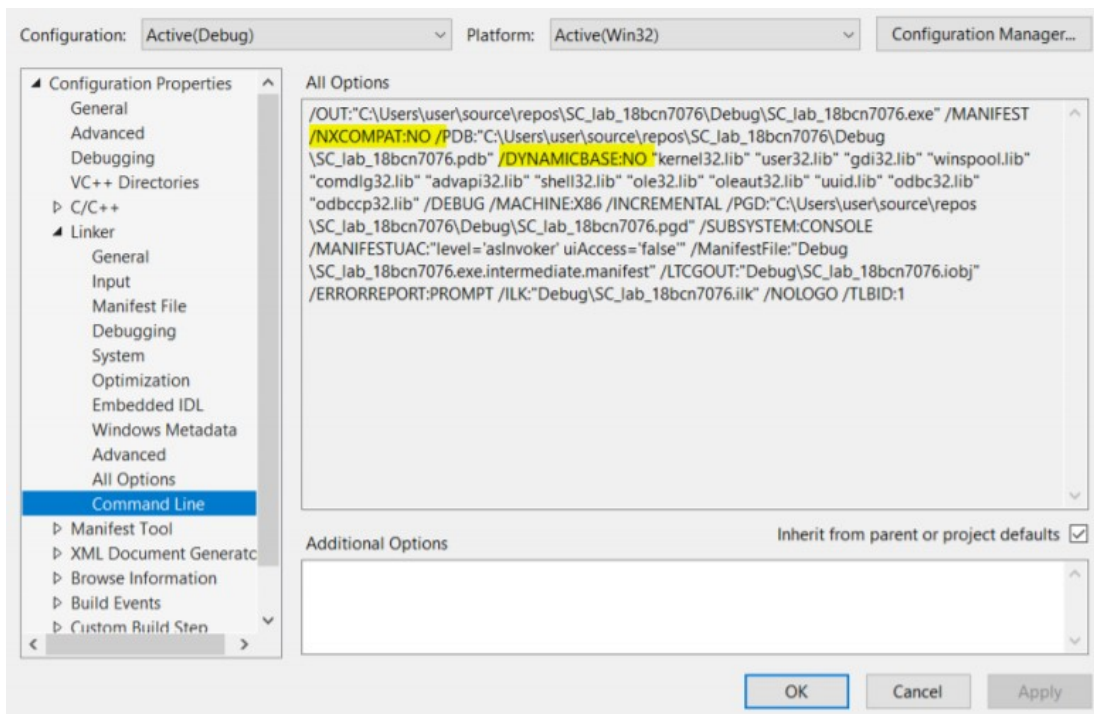
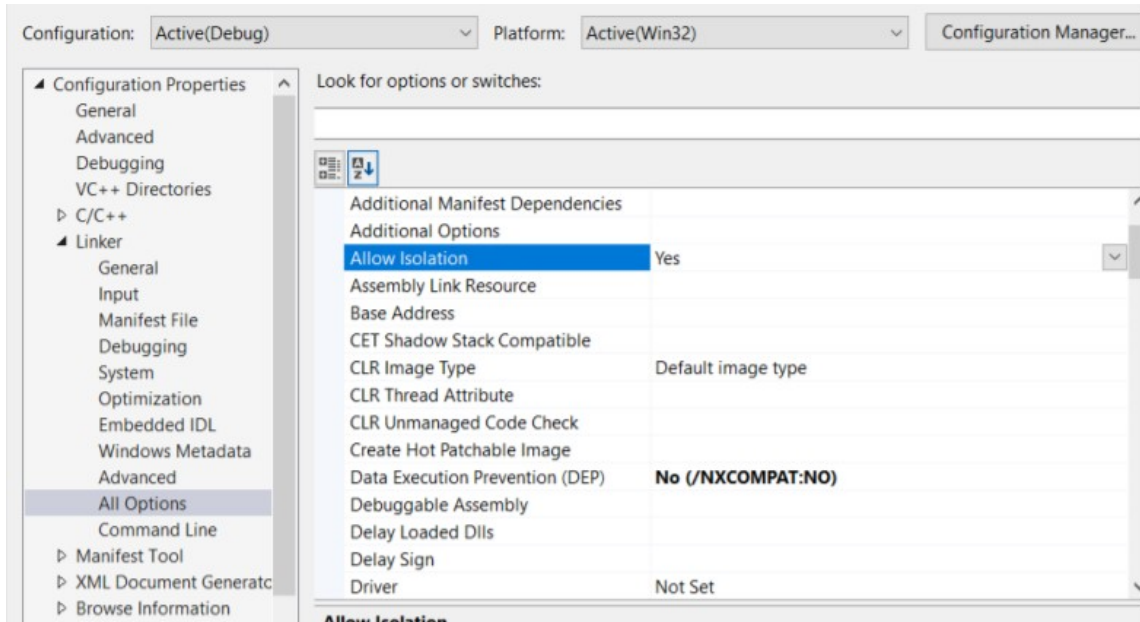




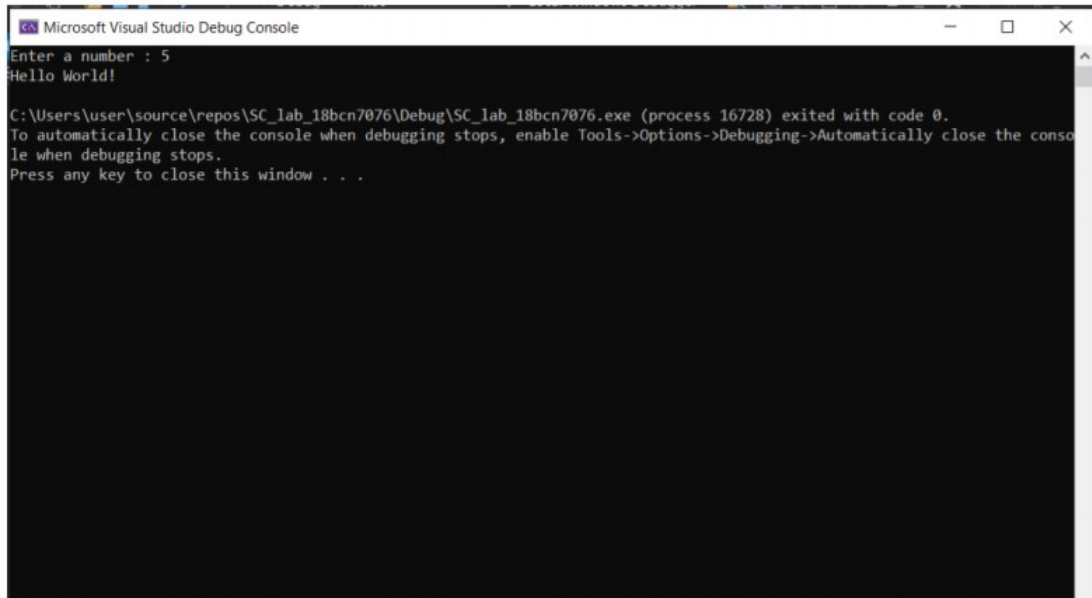


Changing the default option to **no** in command line to check them in process explorer





After executing the file .cpp



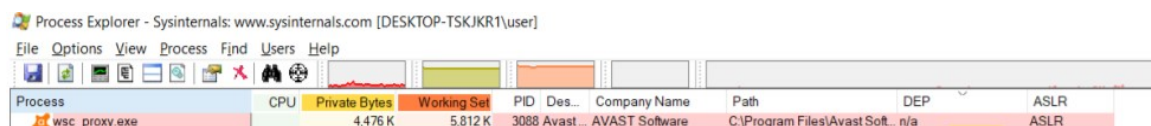
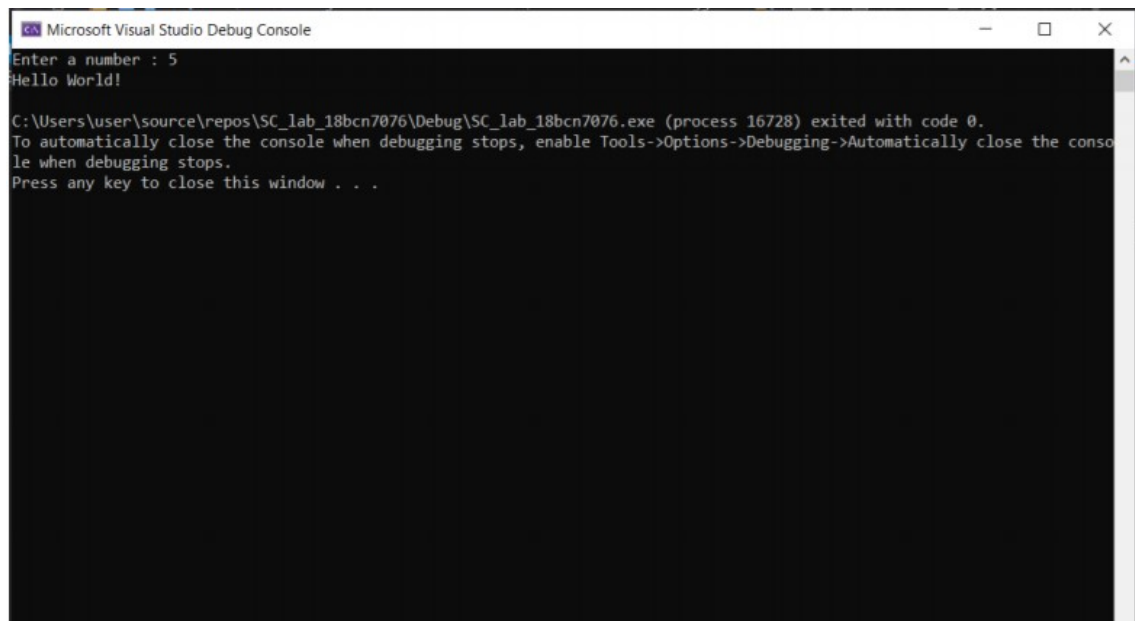
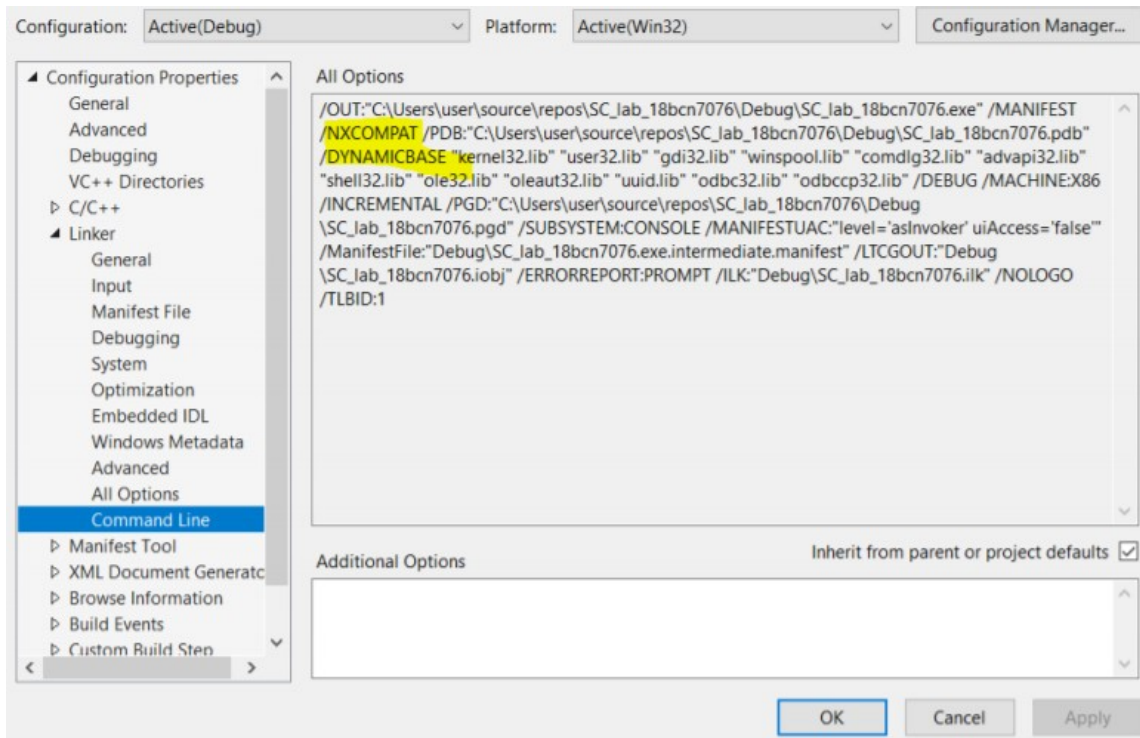
The image shows a screenshot of the Microsoft Visual Studio Debug Console window. The window has a title bar with the text "Microsoft Visual Studio Debug Console" and standard window controls (minimize, maximize, close). The console output is as follows:

```
Enter a number : 5
Hello World!

C:\Users\user\source\repos\SC_lab_18bcn7076\Debug\SC_lab_18bcn7076.exe (process 16728) exited with code 0.
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 . . .
```

[illegible]

Again enabling the DEP and ASLR status and also the SEH



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