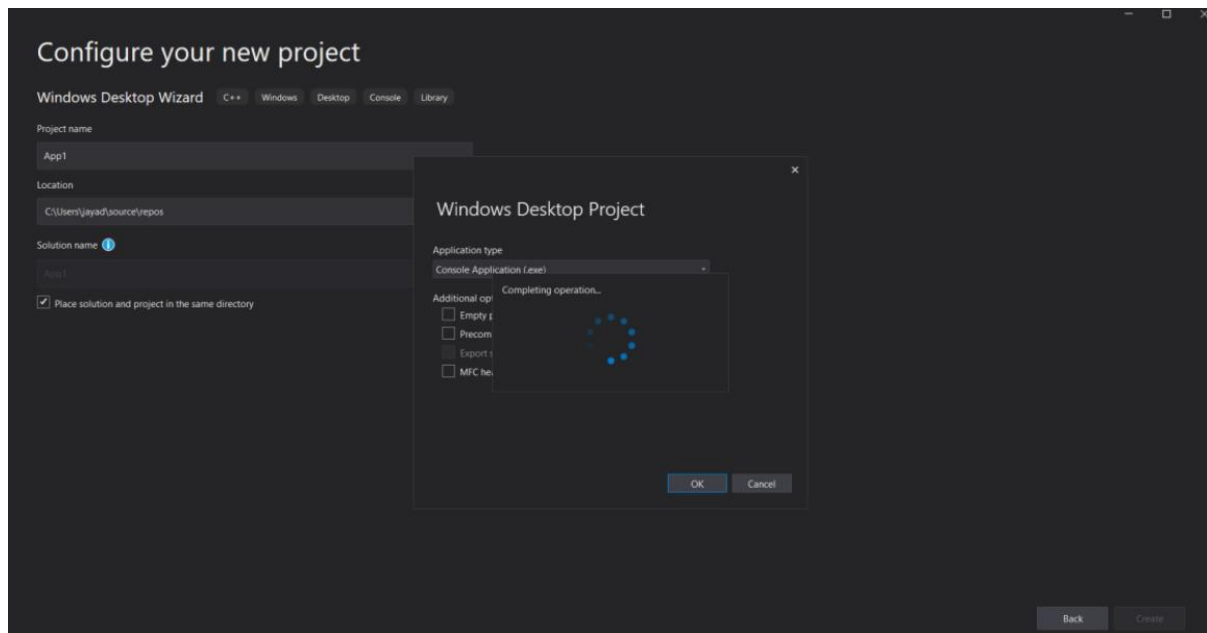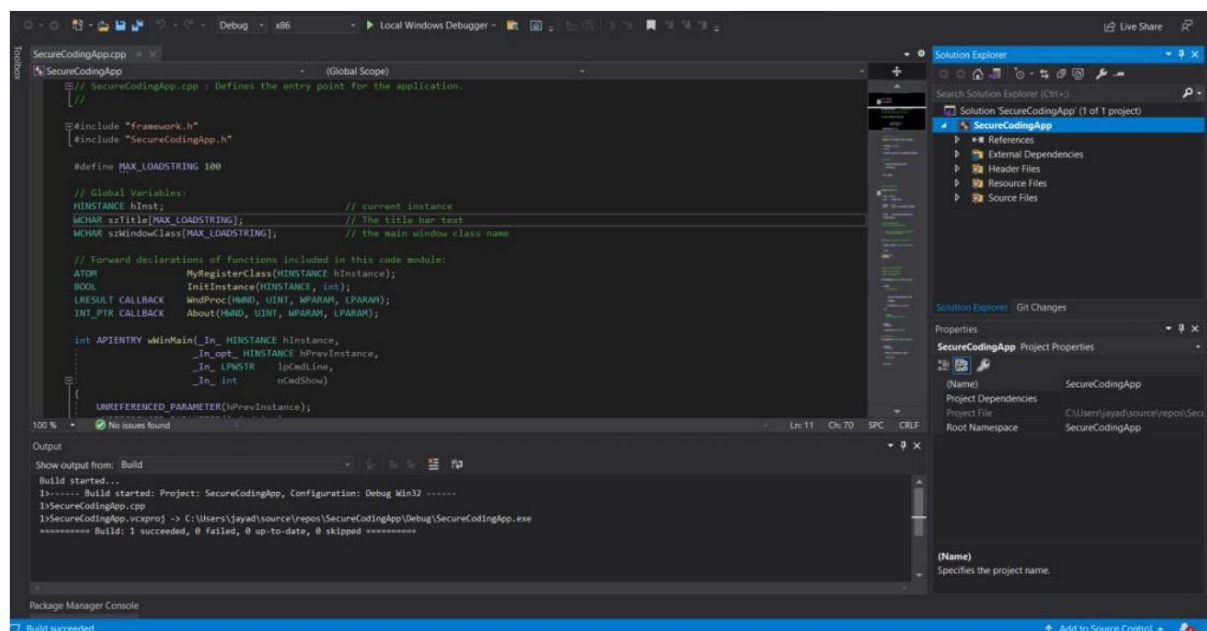**NAME: Jayanth Chennupati**
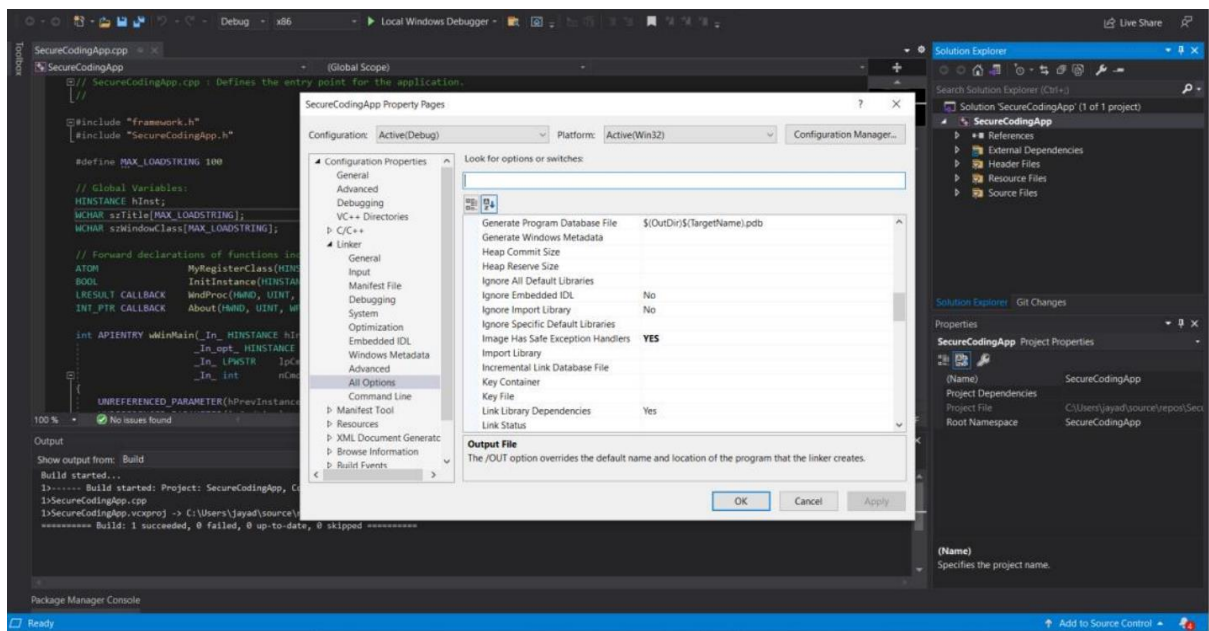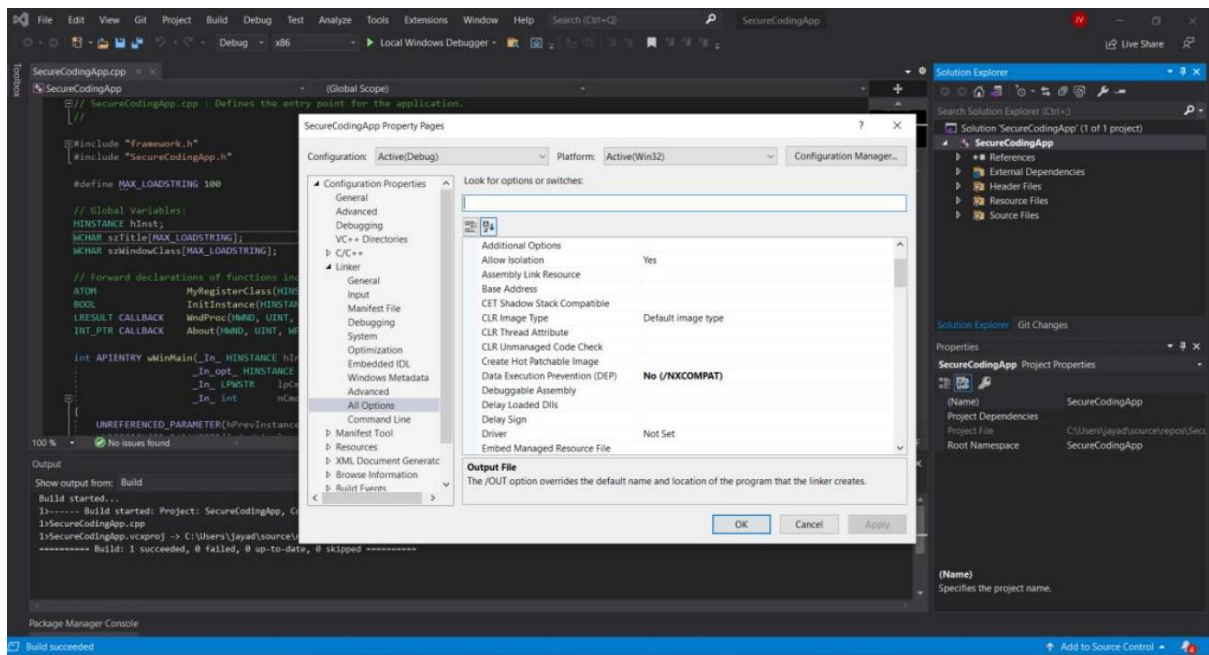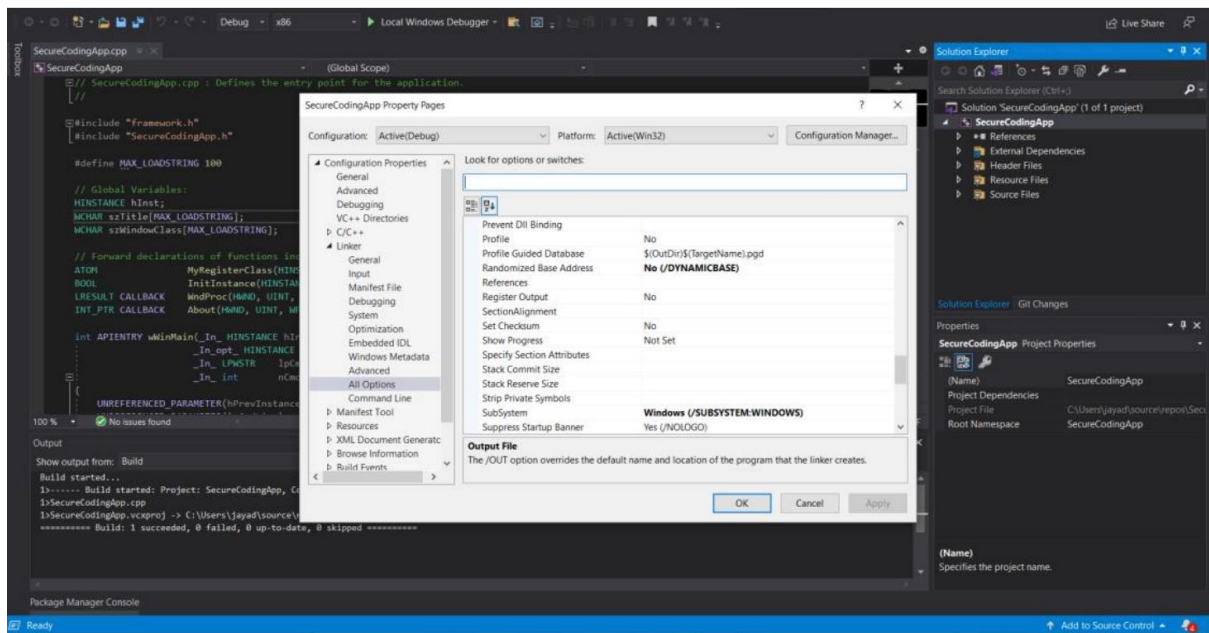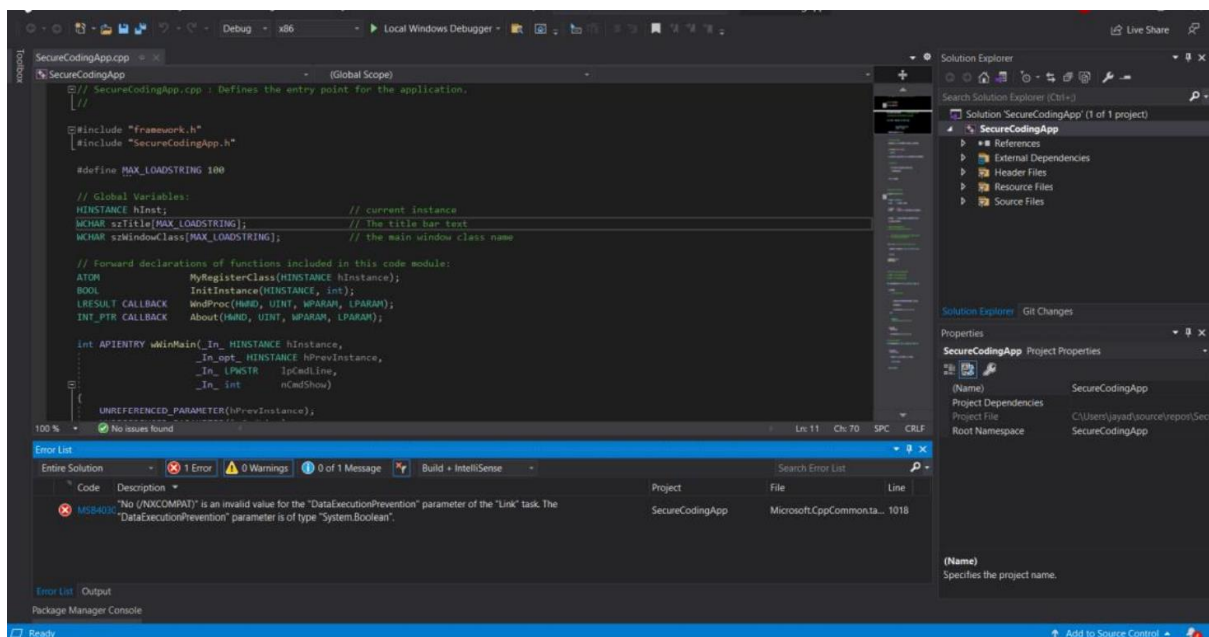
REG.NO: 18BCN7084

LAB-11

After installing visual studio:
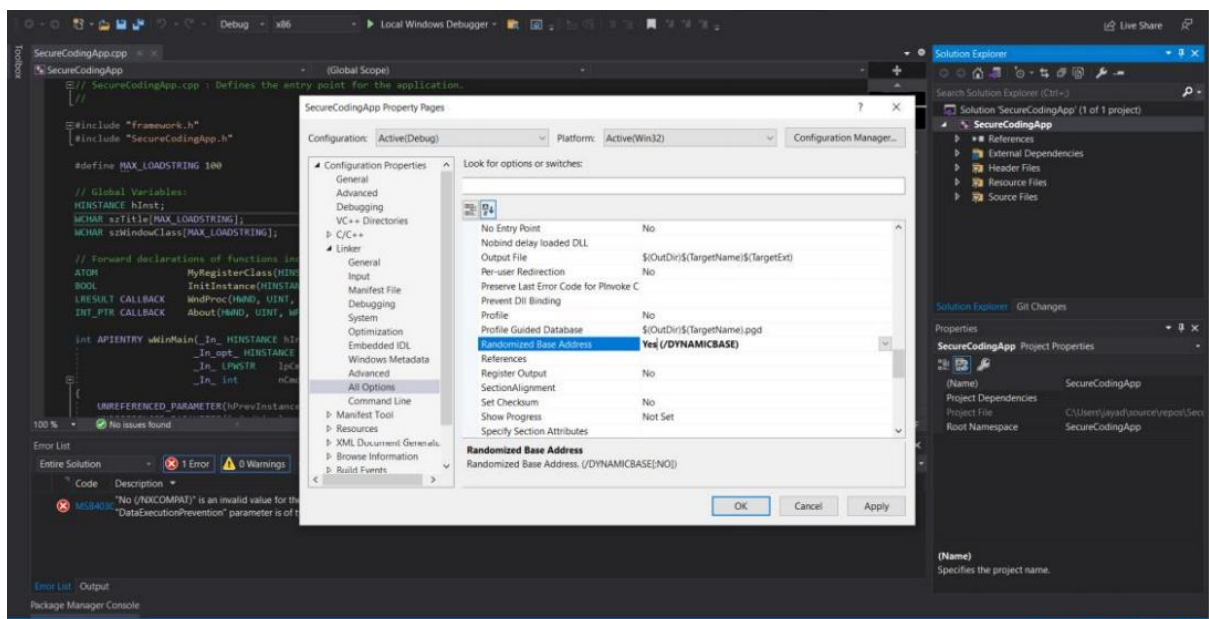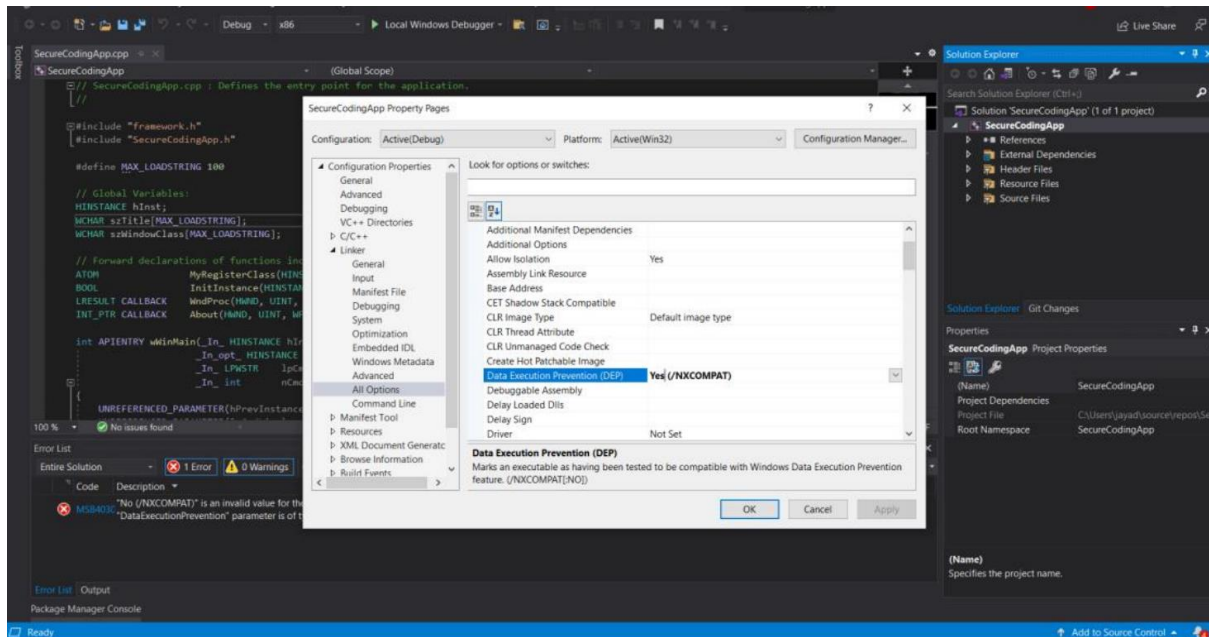

Generating .exe:

Disabling DER and ASLR:
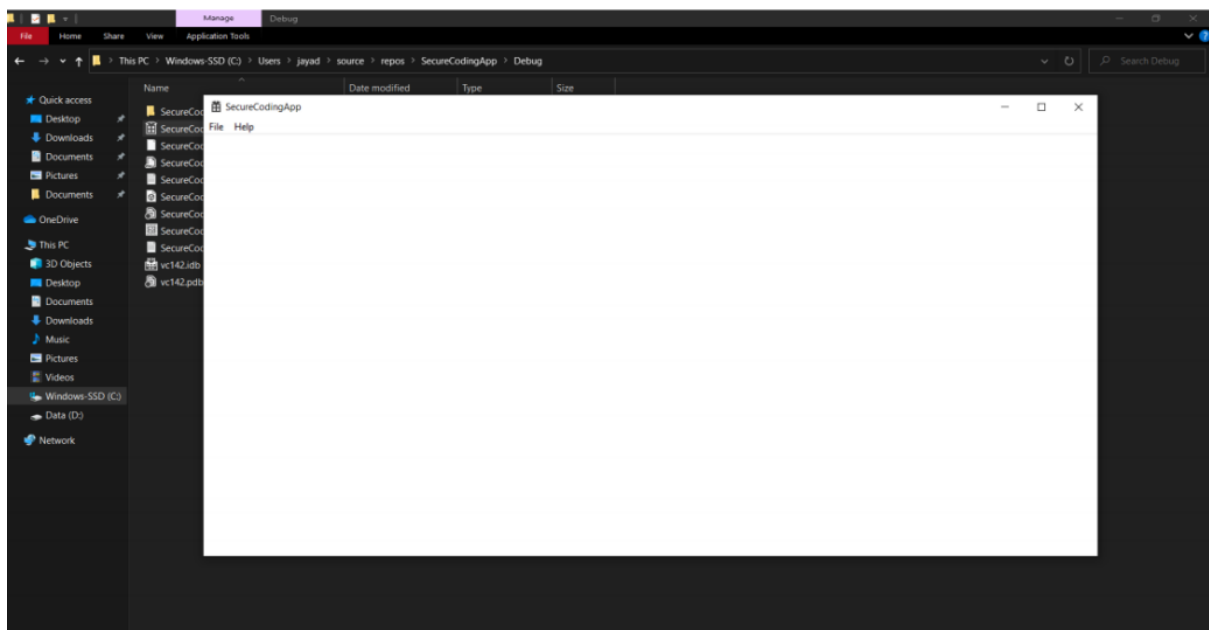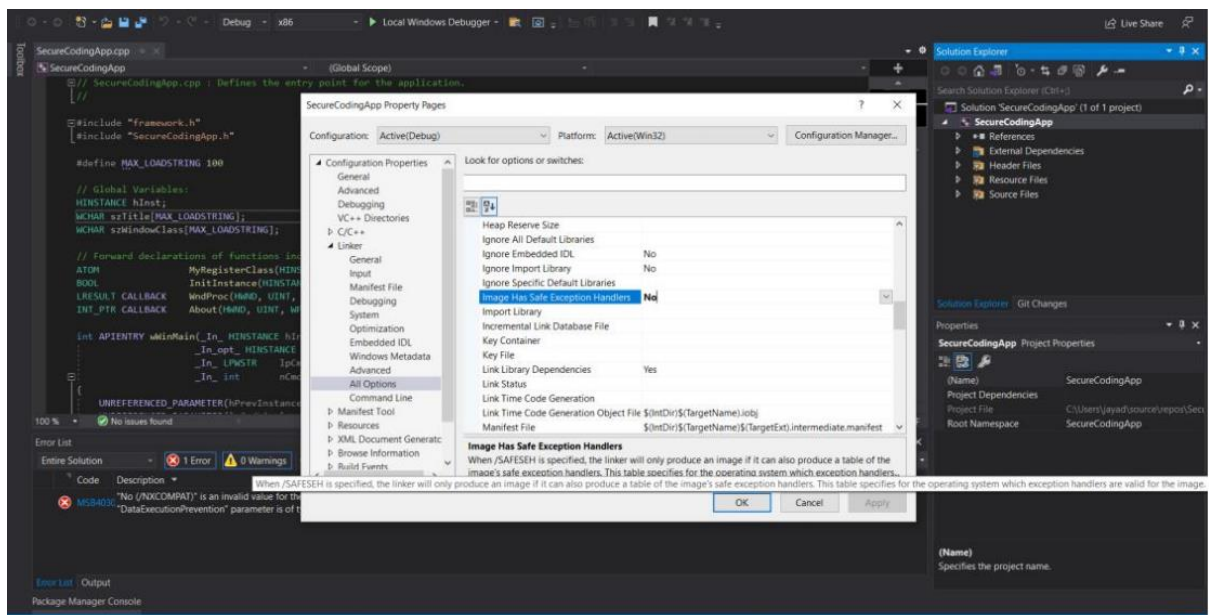
.exe file not created

After enabling and running the app:

Downloading, installing and analysing through Process Explorer:

Process	CPU	Private Bytes	Working Set	PID	Description	Company Name
Registry		17,376 K	1,22,088 K	148		
System Idle Process	84.09	60 K	8 K	0		
System	1.45	208 K	7,324 K	4		
Interrupts	1.04	0 K	0 K	n/a	Hardware Interrupts and DPCs	
smss.exe		1,076 K	1,028 K	572		
Memory Compression	< 0.01	1,016 K	1,61,960 K	2840		
csrss.exe	< 0.01	2,164 K	5,980 K	848		
wininit.exe		1,628 K	6,184 K	940		
services.exe	0.01	6,168 K	10,548 K	1016		
svchost.exe	< 0.01	13,612 K	32,824 K	1044	Host Process for Windows S...	Microsoft Corporation
WmiPrvSE.exe		3,892 K	10,480 K	5832		
unsecapp.exe	< 0.01	2,728 K	8,828 K	10992		
dllhost.exe		3,964 K	9,944 K	11312		
StartMenuExperienceHo...		99,080 K	86,304 K	17144		
RuntimeBroker.exe		7,844 K	31,112 K	17316	Runtime Broker	Microsoft Corporation
SearchApp.exe	Susp...	2,99,368 K	1,06,648 K	14132	Search application	Microsoft Corporation
RuntimeBroker.exe	< 0.01	19,548 K	51,564 K	13972	Runtime Broker	Microsoft Corporation
YourPhone.exe	Susp...	81,508 K	2,688 K	16744	YourPhone	
SettingSyncHost.exe		4,004 K	6,236 K	17052	Host Process for Setting Syn...	Microsoft Corporation
RuntimeBroker.exe		7,876 K	27,524 K	11280	Runtime Broker	Microsoft Corporation
RuntimeBroker.exe		4,712 K	20,452 K	2916	Runtime Broker	Microsoft Corporation
SearchApp.exe	Susp...	2,49,428 K	88,588 K	5428	Search application	Microsoft Corporation
dllhost.exe		7,040 K	15,836 K	18656	COM Surrogate	Microsoft Corporation
unsecapp.exe		1,628 K	7,428 K	13228	Sink to receive asynchronous...	Microsoft Corporation
Cortana.exe	Susp...	89,280 K	72,168 K	12768	Cortana	Microsoft Corporation
RuntimeBroker.exe		5,284 K	26,796 K	8260	Runtime Broker	Microsoft Corporation
ShellExperienceHost.exe	Susp...	82,728 K	70,184 K	584	Windows Shell Experience H...	Microsoft Corporation
RuntimeBroker.exe		7,712 K	29,080 K	9112	Runtime Broker	Microsoft Corporation
SystemSettingsBroker.e...		5,680 K	23,100 K	19288	System Settings Broker	Microsoft Corporation
TextInputHost.exe		65,708 K	47,384 K	18588		Microsoft Corporation
ApplicationFrameHost.e...		37,932 K	42,016 K	17844	Application Frame Host	Microsoft Corporation
WinStore.App.exe	Susp...	1,05,276 K	2,728 K	2456	Store	Microsoft Corporation
RuntimeBroker.exe		7,148 K	16,356 K	9180	Runtime Broker	Microsoft Corporation
UserOOBEBroker.exe		2,136 K	8,832 K	9968	User OOBE Broker	Microsoft Corporation
HxOutlook.exe	Susp...	99,628 K	2,784 K	2812	Microsoft Outlook	Microsoft Corporation
RuntimeBroker.exe		3,148 K	18,680 K	9440	Runtime Broker	Microsoft Corporation
HxTsr.exe	Susp...	12,288 K	2,312 K	8120	Microsoft Outlook Communic...	Microsoft Corporation
LockApp.exe	Susp...	67,112 K	44,336 K	11244	LockApp.exe	Microsoft Corporation
RuntimeBroker.exe		10,324 K	33,300 K	4440	Runtime Broker	Microsoft Corporation
CompPkgSrv.exe		1,516 K	9,344 K	10508	Component Package Suppor...	Microsoft Corporation
SystemSettings.exe	Susp...	77,312 K	67,212 K	704	Settings	Microsoft Corporation
smartscreen.exe		8,244 K	24,492 K	15492	Windows Defender SmartScr...	Microsoft Corporation
TiWorker.exe		31,992 K	37,788 K	1920		
WUDFHost.exe		8,072 K	14,108 K	1116		
svchost.exe	< 0.01	10,252 K	18,080 K	1168	Host Process for Windows S...	Microsoft Corporation

File Options View Process Find Users Help

Process	CPU	Private Bytes	Working Set	PID	Description	Company Name
SearchProtocolHost.exe		1,884 K	8,380 K	15976	Microsoft Windows Search Pr...	Microsoft Corporation
svchost.exe		10,608 K	20,176 K	11992	Host Process for Windows S...	Microsoft Corporation
SecurityHealthService.exe		3,872 K	13,648 K	9772	Windows Security Health Ser...	Microsoft Corporation
svchost.exe		2,456 K	10,872 K	11724	Host Process for Windows S...	Microsoft Corporation
svchost.exe		1,440 K	5,672 K	12016	Host Process for Windows S...	Microsoft Corporation
svchost.exe		4,772 K	10,164 K	12088	Host Process for Windows S...	Microsoft Corporation
svchost.exe	0.01	2,180 K	11,140 K	4908	Host Process for Windows S...	Microsoft Corporation
svchost.exe		2,332 K	13,404 K	12404	Host Process for Windows S...	Microsoft Corporation
svchost.exe		6,864 K	20,236 K	13328	Host Process for Windows S...	Microsoft Corporation
svchost.exe		3,052 K	11,776 K	13548	Host Process for Windows S...	Microsoft Corporation
svchost.exe		1,844 K	7,432 K	9172	Host Process for Windows S...	Microsoft Corporation
svchost.exe		5,300 K	17,624 K	632	Host Process for Windows S...	Microsoft Corporation
svchost.exe		6,036 K	22,632 K	13852	Host Process for Windows S...	Microsoft Corporation
svchost.exe		3,400 K	15,184 K	13884	Host Process for Windows S...	Microsoft Corporation
svchost.exe	< 0.01	3,000 K	12,104 K	16352	Host Process for Windows S...	Microsoft Corporation
SgrmBroker.exe		6,372 K	8,332 K	14556	System Guard Runtime Monit...	Microsoft Corporation
svchost.exe		2,908 K	11,572 K	5340	Host Process for Windows S...	Microsoft Corporation
svchost.exe		5,088 K	22,012 K	13560	Host Process for Windows S...	Microsoft Corporation
svchost.exe		3,356 K	11,348 K	2216	Host Process for Windows S...	Microsoft Corporation
svchost.exe		4,328 K	15,316 K	12984	Host Process for Windows S...	Microsoft Corporation
svchost.exe		1,784 K	7,768 K	8804	Host Process for Windows S...	Microsoft Corporation
svchost.exe		3,500 K	11,672 K	22336	Host Process for Windows S...	Microsoft Corporation
lsass.exe		9,044 K	22,072 K	1016	Local Security Authority Proc...	Microsoft Corporation
fontdrvhost.exe		1,468 K	2,576 K	1036		
winlogon.exe		2,688 K	11,656 K	1196		
fontdrvhost.exe		4,224 K	7,076 K	1292		
dwm.exe	0.27	1,24,336 K	67,652 K	1360		
explorer.exe	0.04	2,71,424 K	2,31,028 K	7856	Windows Explorer	Microsoft Corporation
SecurityHealthSystray.exe		1,984 K	9,256 K	1596	Windows Security notification...	Microsoft Corporation
RtkAudUService64.exe		2,348 K	10,144 K	2208	Realtek HD Audio Universal...	Realtek Semiconductor
vgtray.exe	< 0.01	1,340 K	6,492 K	4388	Vanguard tray notification.	Riot Games, Inc.
OneDrive.exe	0.01	41,268 K	50,800 K	12308	Microsoft OneDrive	Microsoft Corporation
utility.exe		3,392 K	13,352 K	13056	This utility controls special ke...	Lenovo Group Ltd.
WINWORD.EXE		1,32,916 K	1,38,880 K	2928	Microsoft Word	Microsoft Corporation
WINWORD.EXE	0.01	1,26,296 K	1,12,372 K	2724	Microsoft Word	Microsoft Corporation
devenv.exe	0.51	3,15,116 K	3,99,000 K	18048	Microsoft Visual Studio 2019	Microsoft Corporation
PerfWatson2.exe	0.02	48,936 K	69,784 K	11292	PerfWatson2.exe	Microsoft Corporation
Microsoft.ServiceHub.Contr...		42,568 K	57,976 K	2624	Microsoft.ServiceHub.Control...	Microsoft

File Options View Process Find Users Help

Process	CPU	Private Bytes	Working Set	PID	Description	Company Name
SearchProtocolHost.exe		1,884 K	8,412 K	15976	Microsoft Windows Search Pr...	Microsoft Corporation
svchost.exe	< 0.01	10,552 K	20,140 K	11992	Host Process for Windows S...	Microsoft Corporation

devenv.exe:18048 Properties — □ ✕

Tabs: Security | Environment | .NET Assemblies | .NET Performance | Strings
Image | Performance | Performance Graph | GPU Graph | Threads | TCP/IP

Image File

Microsoft Visual Studio 2019

Version: 16.9.31205.134

Build Time: Tue Apr 6 02:10:19 2021

Path:
C:\Program Files (x86)\Microsoft Visual Studio\2019\Commu... [Explore]

Command line:
"C:\Program Files (x86)\Microsoft Visual Studio\2019\Community\Com...

Current directory:
C:\Program Files (x86)\Microsoft Visual Studio\2019\Community\Com...

Autostart Location:
n/a [Explore]

Parent: explorer.exe(7856)
User: LAPTOP-CK1C5NC6\jayad
Started: 11:53:50 07-05-2021   Image: 32-bit

[Verify]
[Bring to Front]
[Kill Process]

Comment: [   ]
VirusTotal: [   ] [Submit]

Data Execution Prevention (DEP) Status: Enabled (permanent)
Address Space Load Randomization: Bottom-Up
Control Flow Guard: Disabled
Enterprise Context: N/A

[OK] [Cancel]

ServiceHub.SettingsHos...		1,52,052 K	1,06,084 K	17728	ServiceHub.SettingsHost.exe	Microsoft
ServiceHub.HostCLR.x8...		78,456 K	65,744 K	16156	ServiceHub.HostCLR.x86	Microsoft