

Before :

A screenshot of a Windows calculator application. The title bar at the top shows the application icon and the text "MyForm". The main display area shows the number "0". Below the display is a grid of buttons. The buttons are arranged in a 4x4 grid. The first row contains buttons for "x", "C", "CE", and "+/-". The second row contains buttons for "7", "8", "9", and "+". The third row contains buttons for "4", "5", "6", and "-". The fourth row contains buttons for "1", "2", "3", and "*". The fifth row contains buttons for "0", ".", "=", and "/". The "0" button is highlighted with a blue border.

After Enabling DEP & ASLR:

Process Explorer - Sysinternals: www.sysinternals.com [LAPTOP-VMNNPRTK;Ritesh]									
File Options View Process Find Handle Users Help									
Process	CPU	Private Bytes	Working Set	PID	Description	Company Name	DEP	Integrity	ASLR
Video UI.exe	Suspended	20,676 K	1,540 K	3332			Enabled (permanent)	AppContainer	ASLR
WinStore.App.exe	Suspended	57,060 K	2,488 K	19228	Store	Microsoft Corporation	Enabled (permanent)	AppContainer	ASLR
YourPhone.exe	Suspended	28,444 K	4,372 K	11296	YourPhone	Microsoft Corporation	Enabled (permanent)	AppContainer	ASLR
AppNotificationClient.exe	Suspended	9,136 K	4,212 K	2228			Enabled (permanent)	AppContainer	ASLR
AdobeCollab-Sync.exe		4,428 K	10,856 K	14928	Adobe Collaboration Synchro...	Adobe Systems Incorporated	Enabled (permanent)	Medium	ASLR
AdobeCollab-Sync.exe		6,988 K	12,140 K	15072	Adobe Collaboration Synchro...	Adobe Systems Incorporated	Enabled (permanent)	Low	ASLR
APSDaemon.exe		5,844 K	15,972 K	15944	Apple Push	Apple Inc.	Enabled (permanent)	Medium	ASLR
avpui.exe	0.02	1,18,260 K	6,888 K	13648			Enabled (permanent)	Medium	n/a
DSATray.exe	0.08	38,856 K	34,308 K	14156	Intel Driver & Support Assista...	Intel	Enabled (permanent)	Medium	ASLR
FileCoAuth.exe		4,520 K	16,424 K	11652	Microsoft OneDriveFile Co-A...	Microsoft Corporation	Enabled (permanent)	Medium	ASLR
CloudServices.exe		22,600 K	10,036 K	15780	Cloud for Windows	Apple Inc.	Enabled (permanent)	Medium	ASLR
lscheck.exe		3,656 K	14,376 K	13416	Java Update Checker	Oracle Corporation	Enabled (permanent)	Medium	ASLR
lsched.exe		2,836 K	15,908 K	15488	Java Update Scheduler	Oracle Corporation	Enabled (permanent)	Medium	ASLR
ksddev.exe	0.01	75,388 K	4,932 K	16124	Kaspersky Secure Connection	AO Kaspersky Lab	Enabled (permanent)	Medium	ASLR
mspdfdrv.exe		16,180 K	16,432 K	1096	Microsoft® Program Database	Microsoft Corporation	Enabled (permanent)	Medium	ASLR
OneDrive.exe	< 0.01	35,528 K	22,792 K	14628	Microsoft OneDrive	Microsoft Corporation	Enabled (permanent)	Medium	ASLR
RIS5Voice.exe		4,836 K	12,220 K	14468	Realtek WOW! Utility	Realtek	Enabled (permanent)	Medium	ASLR
SimpleCalculator.exe	0.02	20,656 K	27,152 K	21160			Enabled (permanent)	Medium	ASLR
AppHelperCap.exe		6,532 K	13,460 K	2744		HP Inc.	n/a		ASLR
AppVShNotify.exe		1,604 K	5,700 K	16840			n/a		n/a
amavnc.exe		1,552 K	5,388 K	6480	Adobe Acrobat Update Servi...	Adobe Inc.	n/a		ASLR
exp.exe	0.41	3,76,124 K	1,46,304 K	6496	Kaspersky Anti-Virus	AO Kaspersky Lab	n/a		ASLR
conhost.exe		6,224 K	3,304 K	6076			n/a		n/a
conhost.exe	< 0.01	6,508 K	5,096 K	8000			n/a		n/a
cars.exe	< 0.01	2,088 K	3,104 K	856			n/a		n/a
cars.exe	0.08	3,400 K	4,120 K	964			n/a		n/a
dasHost.exe		3,928 K	9,092 K	2960		HP Inc.	n/a		ASLR
DiagCap.exe		1,576 K	4,632 K	2728			n/a		n/a
dlhost.exe		3,856 K	9,752 K	12400			n/a		n/a
DSAService.exe	0.06	55,272 K	36,280 K	6548	DSAService	Intel	n/a		ASLR
DSALUpdateService.exe		33,532 K	4,464 K	9880	DSALUpdateService	Intel	n/a		ASLR
dwm.exe	0.46	1,72,300 K	1,38,900 K	1400			n/a		n/a
ELANFPService.exe		1,108 K	3,304 K	6524	Elan Service	ELAN Microelectronics Corp.	n/a		ASLR
esf_of.exe		1,452 K	3,330 K	6588	Intel(R) Dynamic Tuning Ser...	Intel Corporation	n/a		ASLR
esv_svc.exe	0.37	1,35,076 K	41,852 K	1786	Intel(R) System Usage Report		n/a		ASLR
ETDService.exe		1,384 K	4,000 K	6564	Elan Service	ELAN Microelectronics Corp.	n/a		ASLR
Type	Name			Handle	Access	Object Address	Share	Flags	
Section	_Cor_SxS\Public_JPCBlock			0x0000000000000000	0x000F0007	0xFFFFC8584D78CD0			
ALPC Port	\BaseNamedObjects\{CovUI}\PID(21160)-TID(22056) (a3bc717b120-4cee-822b-78f3a00...			0x0000000000000000	0x001F0001	0xFFFFA309D7C7A830			
Port	\BaseNamedObjects\Cor_Private_JPCBlock_v4_21160			0x0000000000000000	0x000F0007	0xFFFFC8584D78CD0			
Event	\BaseNamedObjects\CPFATE_21160_v4.0.30319			0x0000000000000000	0x001F0003	0xFFFFA309EE111730			
Desktop	\Default			0x0000000000000000	0x000F01FF	0xFFFFA309D452D520			
File	\Device\00000058			0x0000000000000000	0x00000001	0xFFFFA309E8444180			
File	\Device\CNG			0x0000000000000000	0x00100001	0xFFFFA309E8445120			
File	\Device\KsecDD			0x0000000000000000	0x00100003	0xFFFFA309E6A285D0			
File	\Device\KsecDD			0x0000000000000000	0x00100001	0xFFFFA309E6A28C00			
Event	\KernlObjects\LowMemoryCondition			0x0000000000000000	0x00100001	0xFFFFA309B34C54A0			
Directory	\KnownDlls			0x0000000000000000	0x00000003	0xFFFFC85671E6A420			
Directory	\KnownDlls32			0x0000000000000000	0x00000003	0xFFFFC85671E71A0			
Directory	\Sessions\1\BaseNamedObjects			0x0000000000000000	0x00000003	0xFFFFC85671E71A0			
Directory	\Sessions\1\BaseNamedObjects\SMO_21160_168_WWStaging_02			0x0000000000000000	0x0000000F	0xFFFFC8567FD12A0			
Mutant	\Sessions\1\BaseNamedObjects\SMO_21160_168_WWStaging_02_p0			0x0000000000000000	0x001F0001	0xFFFFA309E8725A50			
Semaphore	\Sessions\1\BaseNamedObjects\SMO_21160_168_WWStaging_02_p0			0x0000000000000000	0x001F0003	0xFFFFA309EE11A3A0			
Mutant	\Sessions\1\BaseNamedObjects\SMO_21160_64_WWError_03			0x0000000000000000	0x001F0001	0xFFFFA309E8725A50			
Semaphore	\Sessions\1\BaseNamedObjects\SMO_21160_64_WWError_03_p0			0x0000000000000000	0x001F0003	0xFFFFA309EE113780			
Section	\Sessions\1\BaseNamedObjects\windows_shel_global_counters			0x0000000000000000	0x00000006	0xFFFFC85680855D0			
Section	\Sessions\1\Windows\Theme42875550			0x0000000000000000	0x00000004	0xFFFFC85680CE370			
WindowStation	\Sessions\1\Windows\WindowStations\WinSta0			0x0000000000000000	0x000F037F	0xFFFFA309D56C1880			

MyForm

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