

Lesson 1

Windows Subsystem Linux

<https://docs.microsoft.com/en-us/windows/wsl/install-win10>

🔗 Install Windows Subsystem for Linux (WSL) on Windows 10 • docs.microsoft.com

PyCharm - IDE Integrated Development Environment

Git - Version Control

Compiler / Interpreter Differences C++ / Python

Memory Model

1bit 0 - 1

2bit 0 - 3

3bit 0 - 7

8bit 0 - $2^8-1 = 255$

nbit 0 - 2^n-1

8bit = byte

120	255	0	254	128	...		
-----	-----	---	-----	-----	-----	--	--

0x01 0x02 0x03 ...

a = 5

0x0206, 0x0207..

		...	5		...	
--	--	-----	---	--	-----	--

a = 6

		...	6		...	
--	--	-----	---	--	-----	--

(a → 0x0206 memory address)