MELTDOWN & SPECTRE FOR NORMAL PEOPLE

MEMORY MODEL

PROCESS
A

- CPU and OS isolate processes memory from each other
- *Virtual Memory* gives each process its own *address space*
- Each address space starts at “virtual address 0x000..0”

PROCESS B

PROCESS B
VIRTUAL MEMORY
48 TB RAM

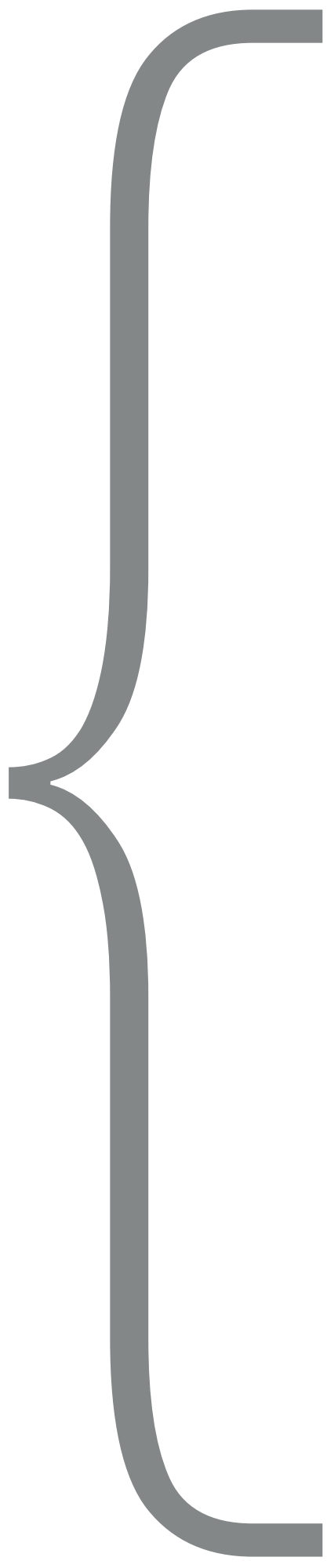
a)

b)

PROCESS
A

- CPU and OS isolate processes memory from each other

- Each address space starts at “virtual address 0x000..0”

- *Virtual Memory* gives each process its own *address space*

User space