

Physical Memory

256 bytes – requires 8 bits to address

00000000

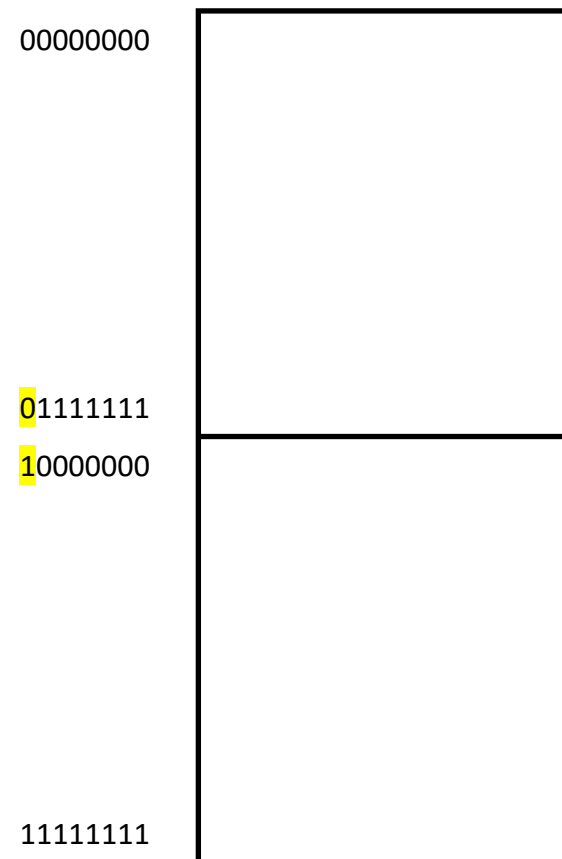
11111111



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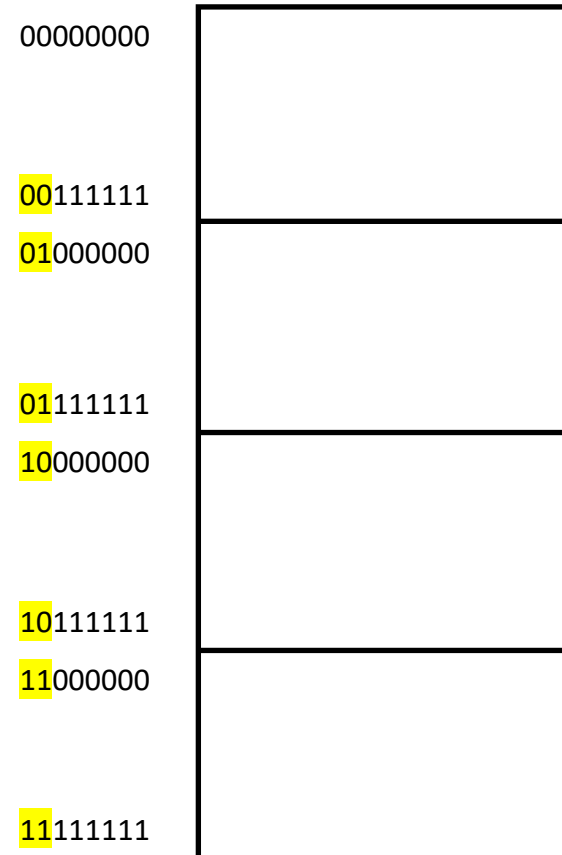
Break into 2 parts- note 1st block 0 in 1st bit, 2nd has a 1



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Break into 4 parts- note first 2 bits in each block

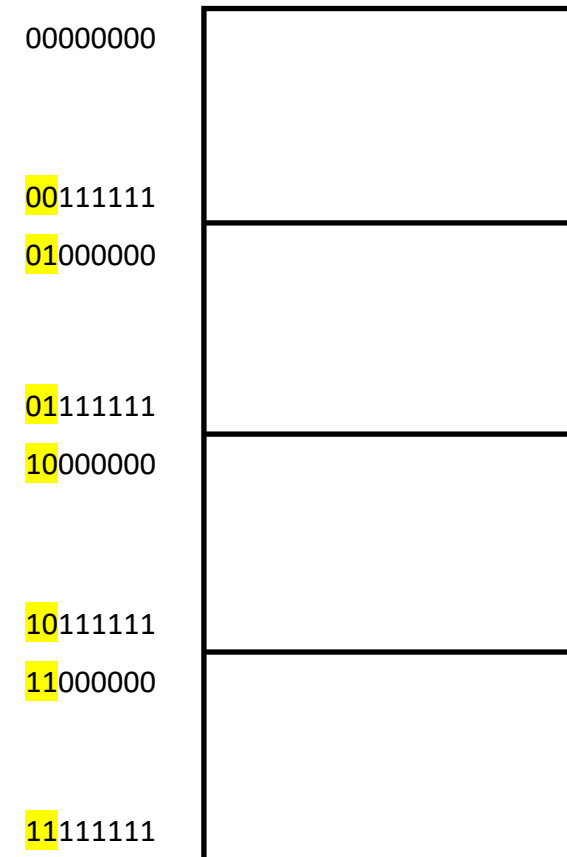


What if we have 2 processes
A and B that need 2 blocks and
1 block of memory to run?

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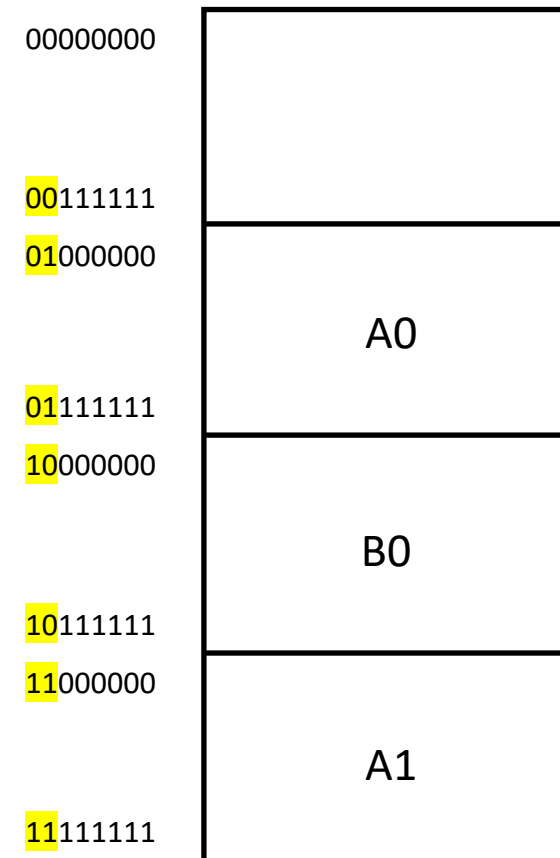
The OS does this nifty lookup
trick (virtual to physical page)

Process A		Process B	
00	01	00	10
01	11	01	-
10	-	10	-
11	-	11	-

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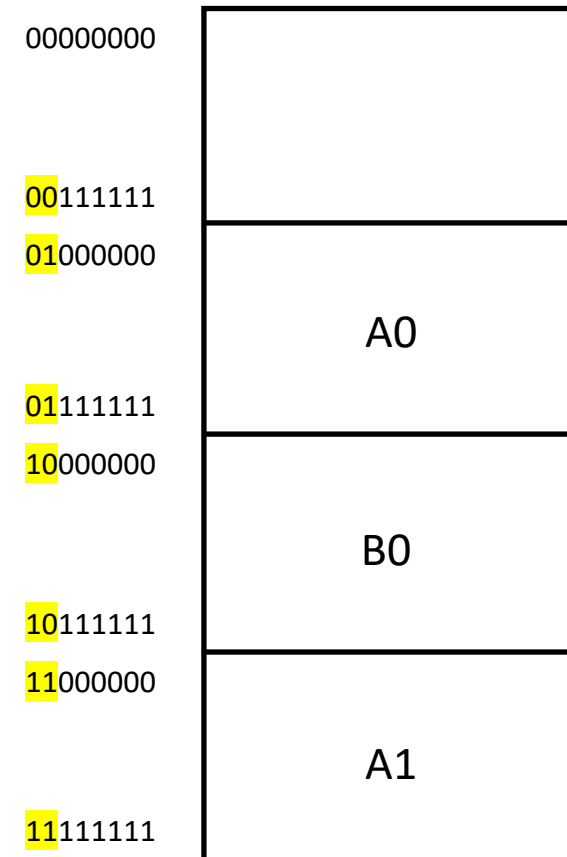
So if want to get to 00101010 in B
Sub 10 for 00 to get 10101010

Neither process can access others memory

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