

CS & IT ENGINEERING

Basics of Computer System

Memory System

Lecture No.- 08



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Recap of Previous Lecture



Topic

CPU Cycle

Topic

Memory Cycle

Topic

Memory Access Time

Topics to be Covered



Topic

Memory Access

Topic

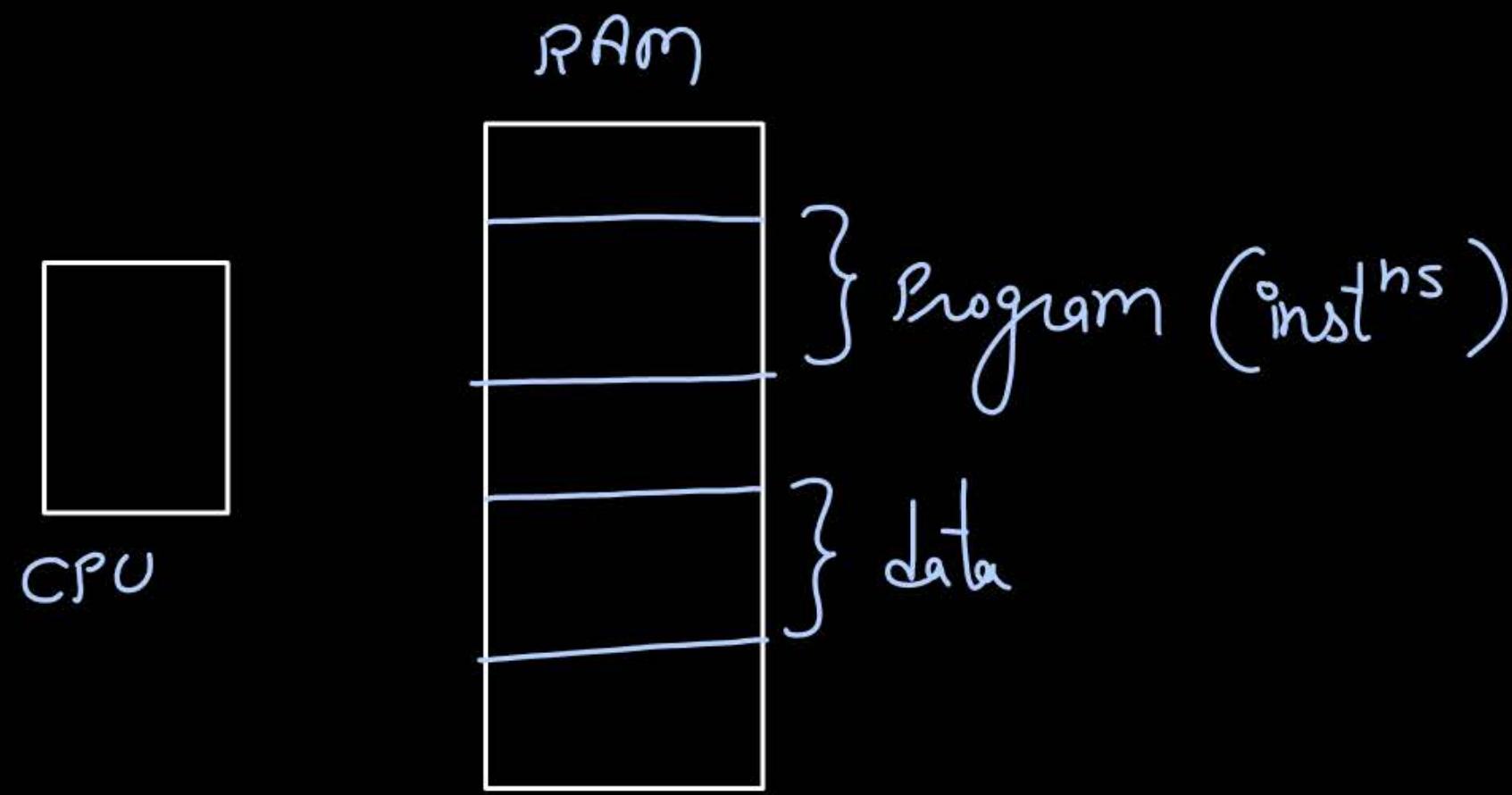
Memory Address

Topic

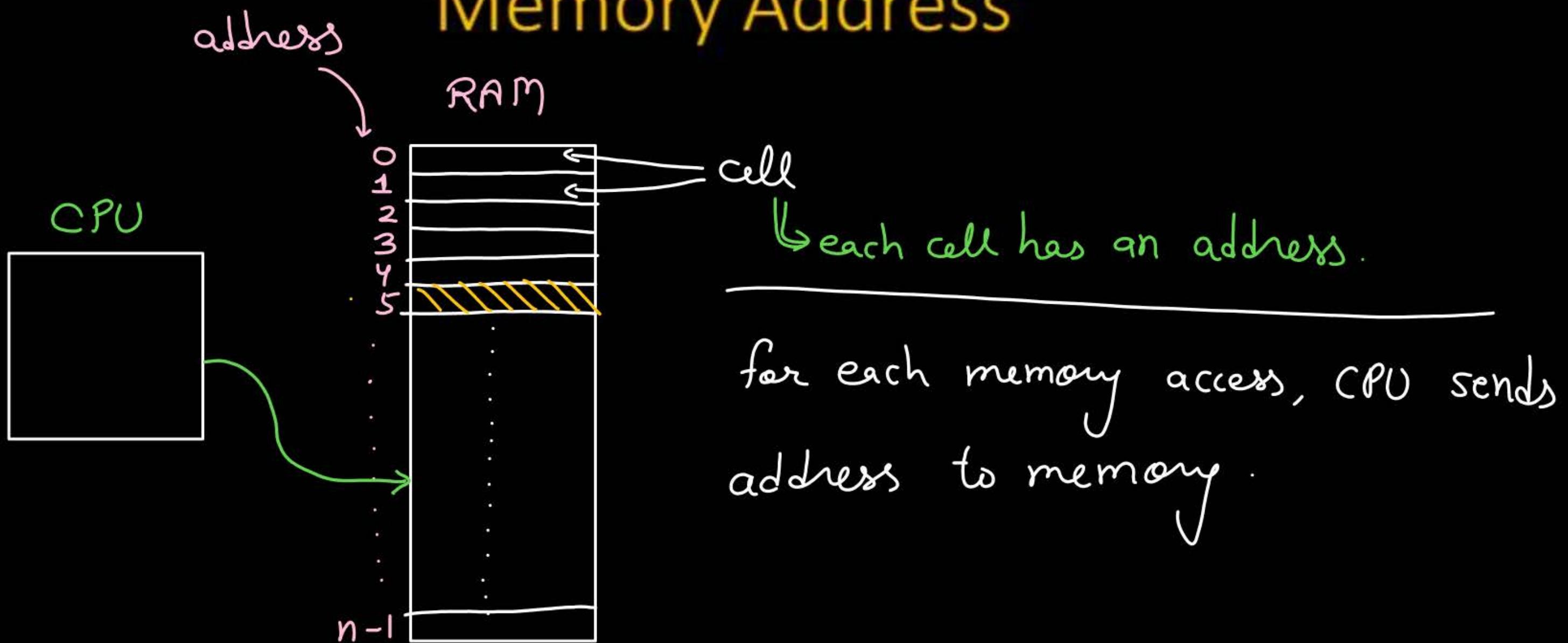
Read & Write



Memory Access

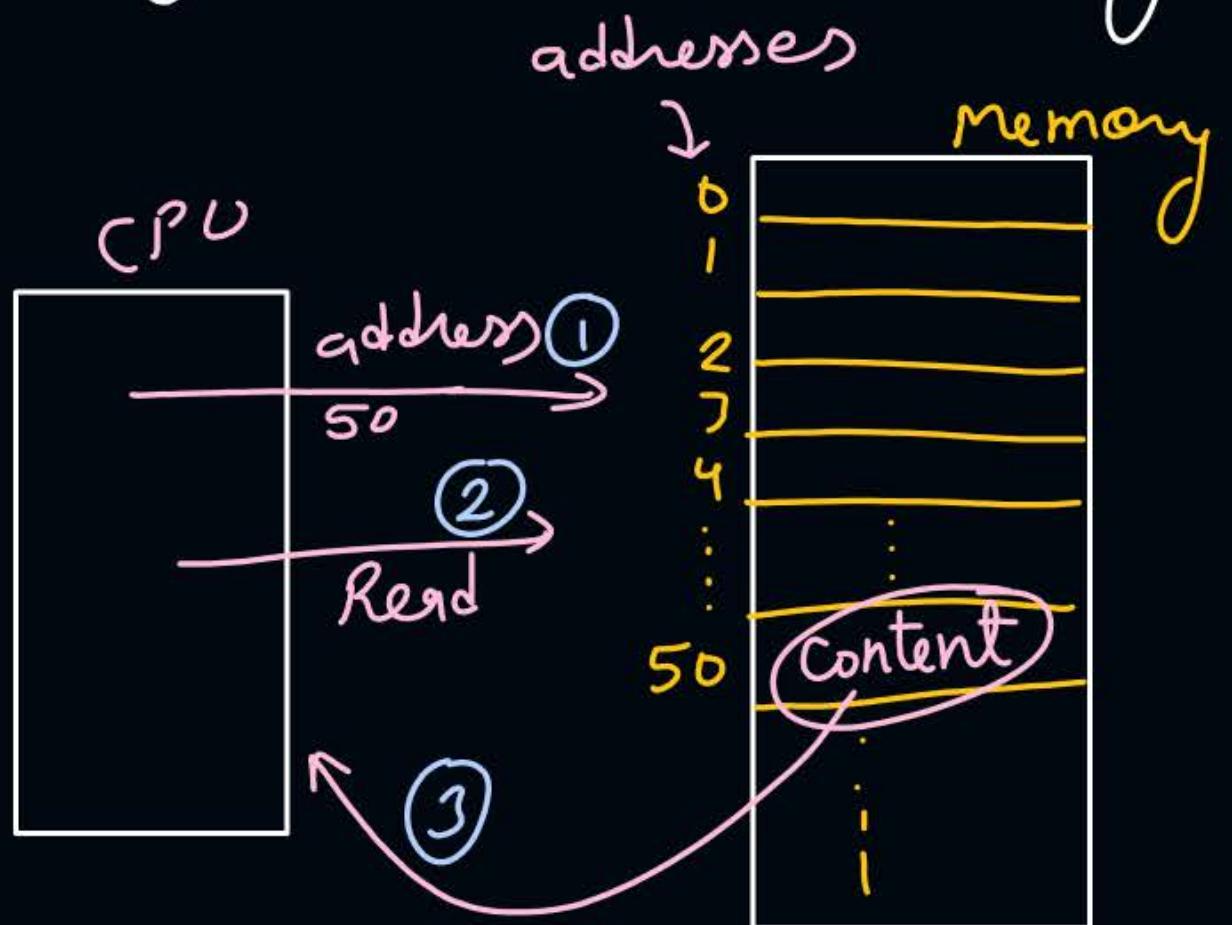


Memory Address



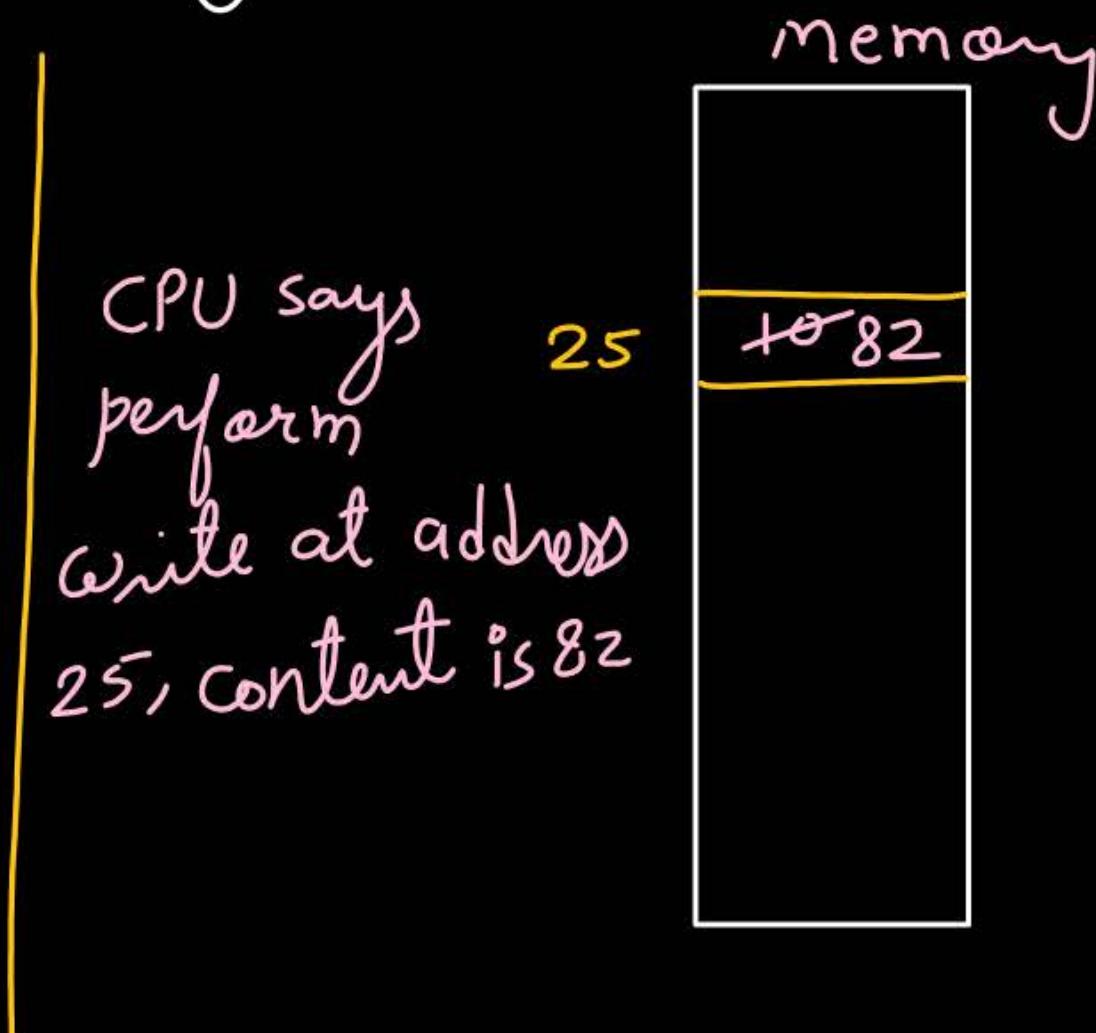
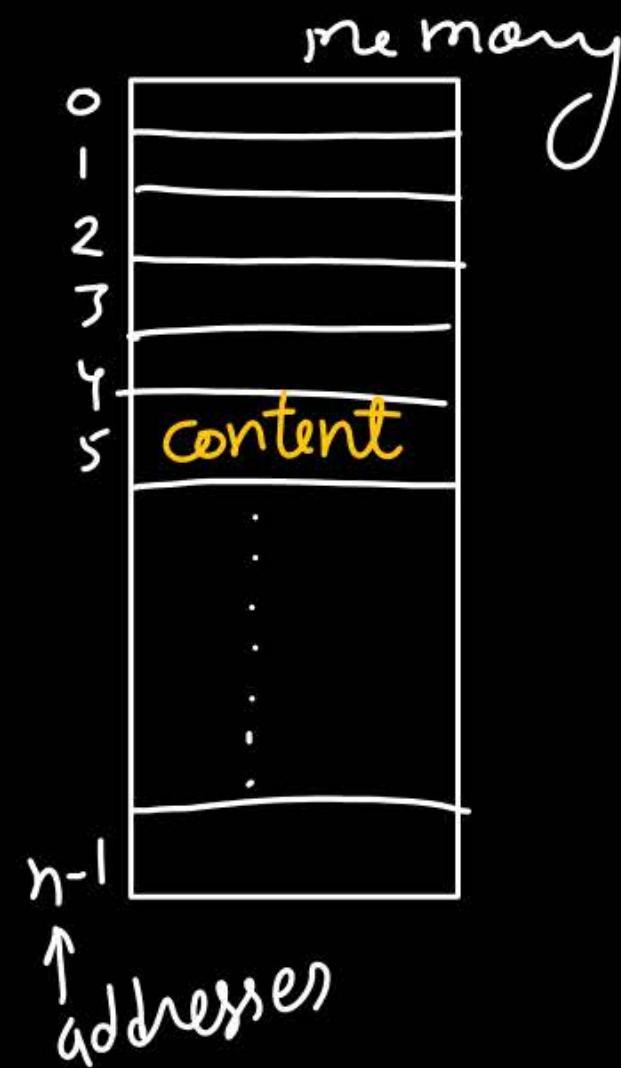
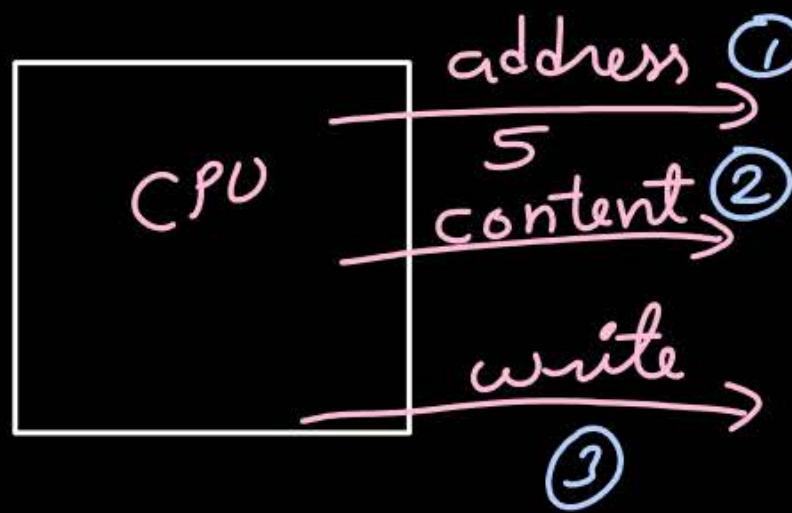
Memory Read

- CPU sends address to memory and tells it to perform read.
- memory sends content of given address to CPU.



Memory Write

- CPU sends address and content to memory and tells it to perform write
- Memory writes given content on given address.





2 mins Summary



Topic Memory Access

Topic Memory Address

Topic Read & Write

Happy Learning
THANK - YOU



int x = 5;
:
:
 $x = 8$