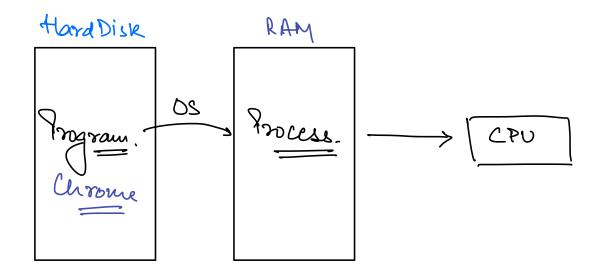
Agenda. 7 Into to Processes -> Tureads

-> Single Lore (VS) Multi core CPU'S

- Concurrency (vs) Parallelism

-> Write a new thread.

#



> CPU can't directly talk to HDD as there's huge Speed differences

-> Yours: Yogram in execution.

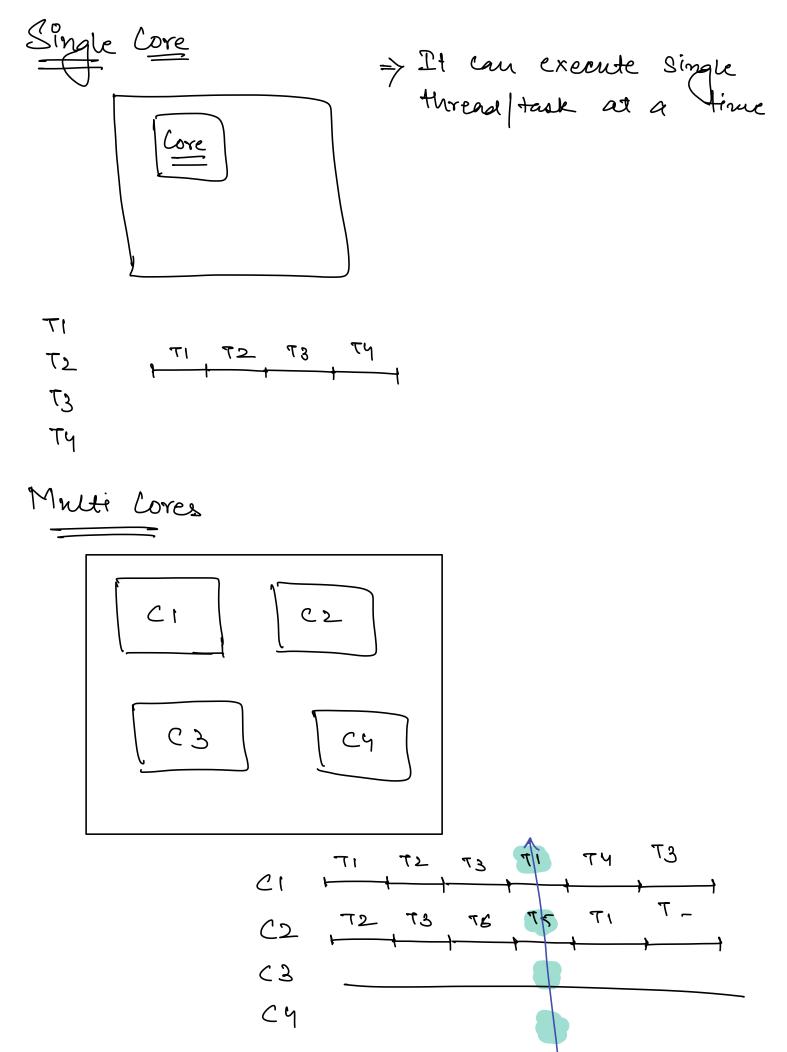
(n 1848) Ram Size <<< # DD. (n 1848)

(2) ham is volatile

From tide and put it inside the fam.
=> Word Processor (MS Word (Google doc)
Joing I ma to Bangalose -> Grommer Checking Auto Completion Auto Saving
=> All the above features runs farallely
main()(
Sout ("Hello"); Sequentially Sout ("Hi");
THREADS.
Duit et CPU execution
CPU Executes Aurend
Drit et CPU execution CPU executes Hurad Part et Process

-> When anything runs inside the computer, there's thread that artually gets the most done. Process data rogram Counter. (Une number Joesonses to be executed stack next) Proces Control Block Yrocess (Ms Word) Code Data resources PC PC stace stace Stace Spell Checking Auto Saving Granne Un.

Threads of the same process Graves code, data & other Common trings	
Process (Vs) Threads.	
=> Au thread shares data but different process don't have access to each other's data.	رعا
=> IPC (Inter Process Communication).	
> Process takes more memory than threads. > Creating a process takes more time in comparison to thread.	
Single Core vis Multi Lore Execution unit of Civi	



When a system can have multiple threads in different stages of execution at the same time but NOT necessarily making the the same time. 71:304. TI: 10% T3: 20%. Parallelism = oulmency + Multiple Hurads

maleure the Fr making the Progress at sauce time.

MULTI CORE

