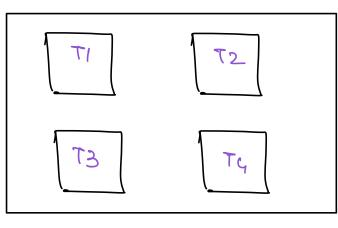
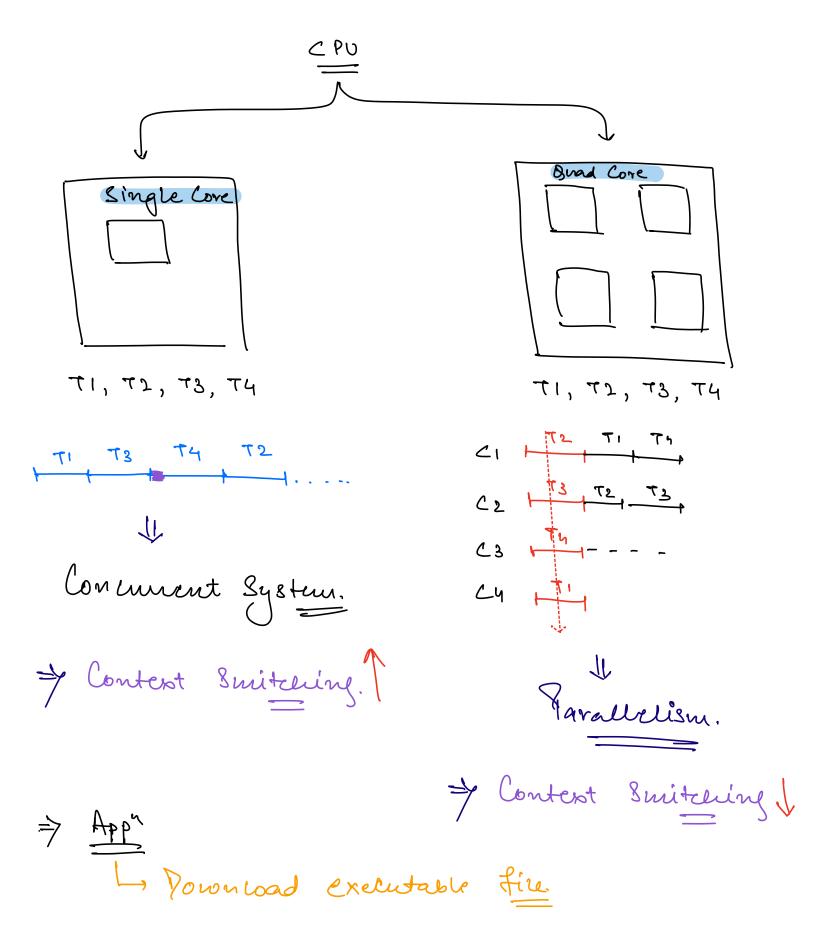
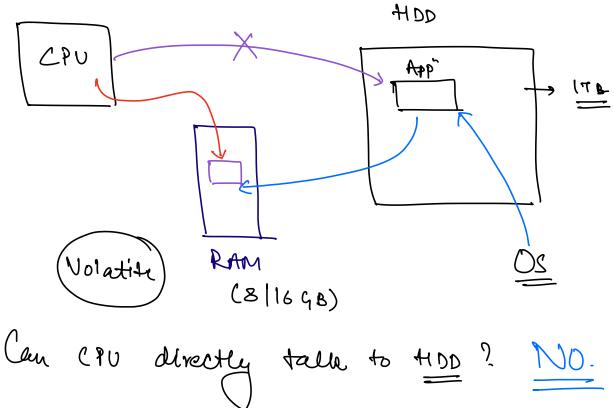
Agenda. > Intro to Multitulading > tullo world from new tulad. -> brint nos from 1 to 100 > Executor francusk Thread Pool. > Mutitueading => CPU executes the task. execution Unit of CIU. ≥> Core → Quad (Core) → 4 Octa Core → 8







=> because of speed difference

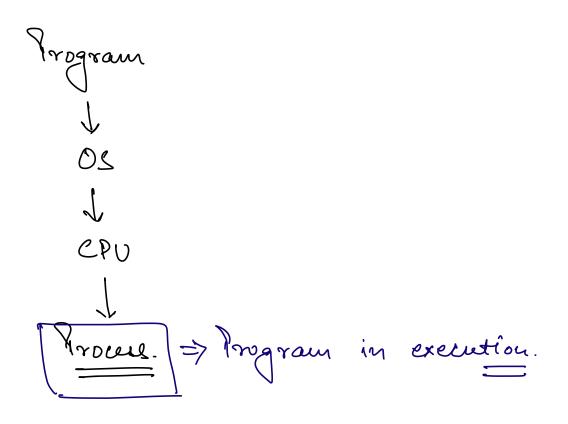
Ms Word.

5) Suggestions.

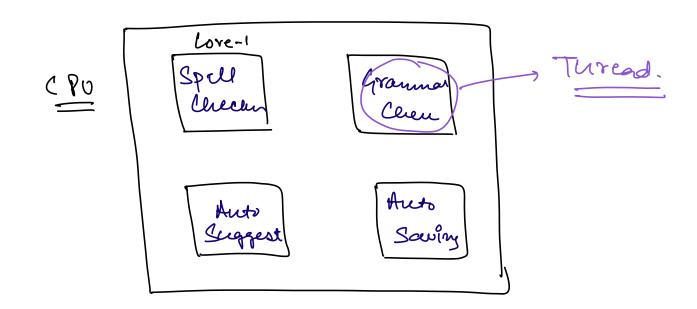
Ms word < 90 C 1) User imput 2) Spell Checker 3) Grammer Check 4) Auto saved

=> Parallely.

Ms Word. -> Multiple task.



2) Every process mill have at least task.

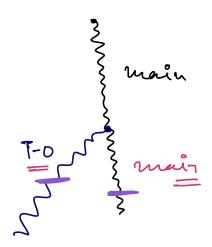


main() (7 × - 7: 1 y = 2; Sequentially. 12 = ×+4; 1 prind (2); Ms Word Thread: 3 Thread: 2 Thread:1 Suggestions GrammarClick Spelllrecker 1 Lore 2 Lore-3 Core-1

Q: Print	Hello =	world	from a	Sepa =	rate =	Hurad.	
8tep-1:	Create	task C to execu	lass for Ne in a	the Sepo	task	that i	:
	Class	Hellow	orldgrinter	<			
	31		· -				
Ω) M_{α}	ake tas	k Claus	. Îniplei	uent	Reus	nable.	
						nterjaci	こ, こ
						Yem ()	
Class	Hellowo:	rldgrinter	insplem	ents	Runn	able 1	

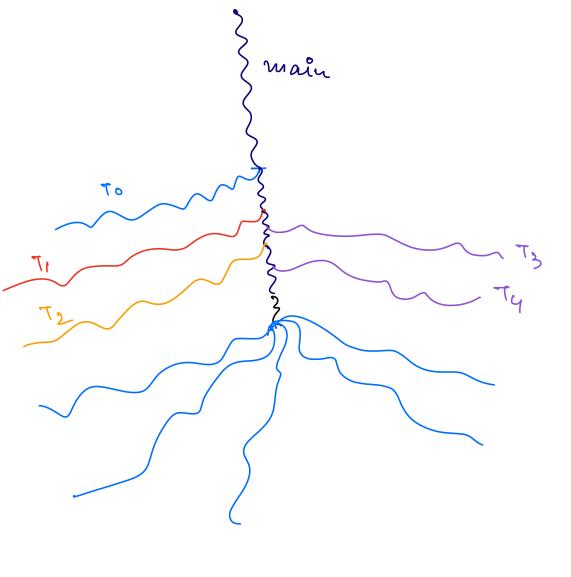
1) Implement run () method.

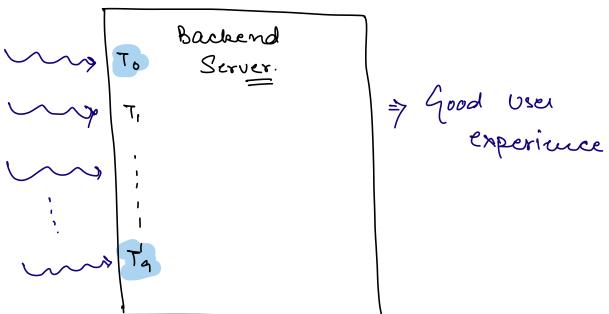
Cla	us Helloworld Trinter implements Rumable (
	Sout (Heleo World)
	Sout (tello world)
<u> </u>	3
_	Write the code that me
	want to execute in a separat
	Huesed.
IV)	Create a thread object & assign the task to the thread.
<u>V</u>)	Start the thread.
	—— * ———
	Code.

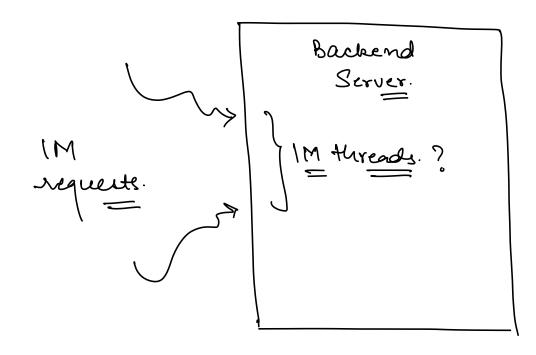


le Print nois from 1 to 100, each from a separate thread.

Class Numbertrinter implements Runnable (Private int x; Numberfrinter (int n) (x=u) 3 Void runes a print(x); 3 for (1= 19, 1<= 100; 1+4) 4 Number Printer up = new Number Printer (1) Thread t = new Thred (np) + Sterrt()







Thread (-);

Object:

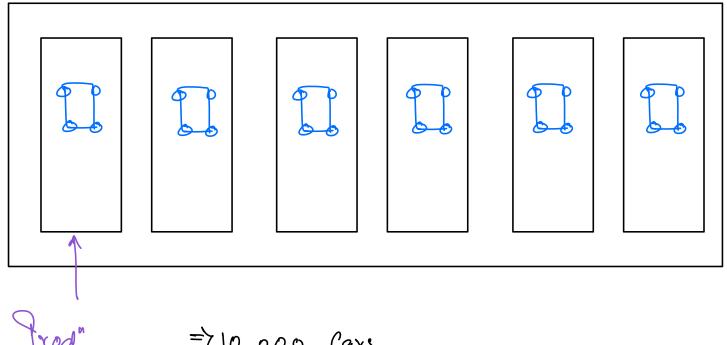
time Space

trap.

=> We cavit create any # of Objects blindly.

TATA.

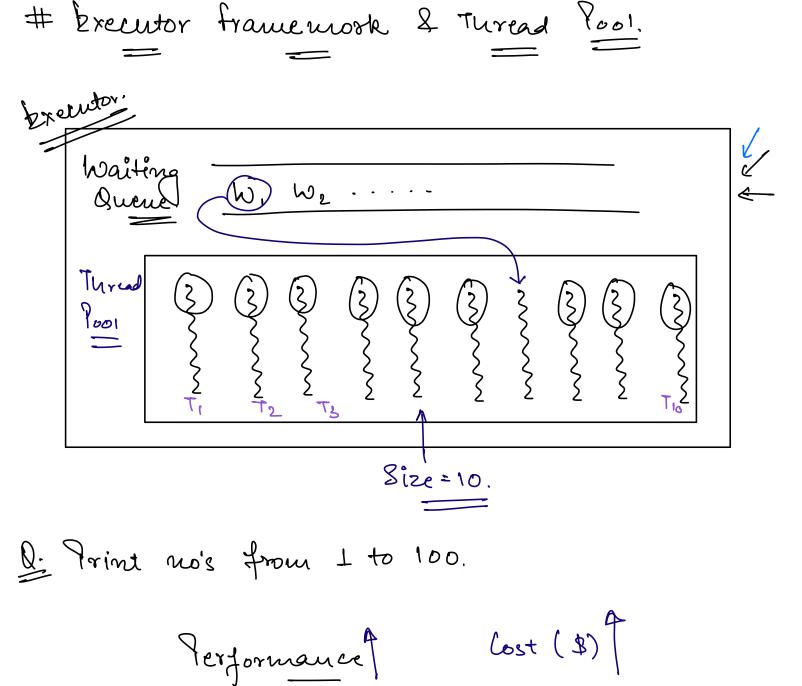
Car manufacturing factory.



Prod"

=> 10,000 Cars.

> Efficient usage of frod line.



=> hight balance 5/10 Pey & cost.