=> Recop

1) Scheduling Algo

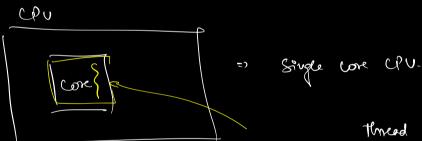
+ FCFS
+ SRTF
- Rand Rosin

11) lateray and throughput

us Threads and Processes

=> Multime is Style Core CPUSS

Core: execution or processing unit of a cpo.



thread to assigned to a core, which does the

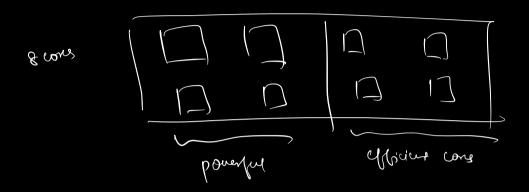
Con Con Con

work.

3) Mord browns. ;

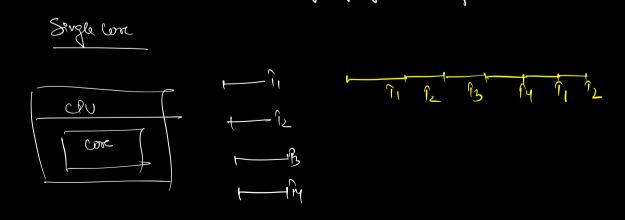
1) Spell check 11) Chrammar check 111) Auto sene N) Misplay

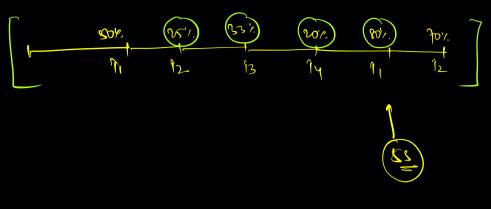
each cone is independent, and each cone can execute different threads at the same time.



: CONCURRENCY US PARAMEUSM

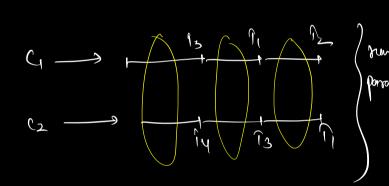
Concurrency: When a system can have multiple threads in oliff stages of execution at the same time not necessarily making progress in parallel.





: PARALLEUSM: CONCURRENCY + programs in parallel





Concurrancy -> Single core Multicore
CPV

CPV

CPV

CPV

CPV

CPV

X

MPU => 1000 core => 1000 parallel computations

CPU y cores or dos any over 100 MH2 or 400 x 109 Agraphical ententive comp, mathematic model comp

[repetitive term - longer fore]

=) How to write wull threaded code :-

* what are the fashs, that you want to new in multiple threads? [you parally]

-> Prive tello world, from a diff thread (ND main thread)

For every task that needs to run via a separate thread, create a class of it—

Class Helloworld Printers, ?

(2) male this class, suprement Runnable suterface class relluword Printer implements Runnable & }

Implement the topse, in side sun() method of the class
that needs to
be done

class tellowordPrinter implements Runnable {

will sun() {

print ("hullo worth")

}

(9) At the place when you want to stort a new thread, creak an object of the task class

Kellowordfrinter hw = new Kellowordfrinter();

and, exale the thread with the Shjeet

Thread t = new Thread (hus);

(to starte);

=> why start() and not run()!

Start() -> 1) creates a new thread

") calls the nunc) on that new thread

run() -> 1) starts executing on the current
thread.

() gotherwas ub

main() { }

privt (Hello world)

the starte) - run() prive

do Somerhing ()

Hello world.

son() ?]

Smake

Hunda

do something)

Since terread u, and main &

neumling parallels, the seq.

of call of methods in

Undeterministic

Potent 1 to 100, each no with a diff thread:

The sum of execution will be determined by CPU

- undeterministic