-> Round Robin

-> Threads

- multicore ve single core

[ -> Concurrency vs Parallelism]

- Juho to multi-Kyreaded coding

\* process

Cho = because

[ +kt forocons - 2ip]

[ sexen char, audio, video, chat, reactions]

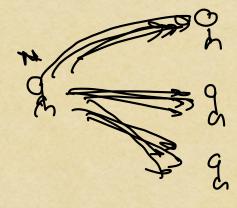
Processes

	id	arrival time	Kme to complete	completion time
	7	+	BX Y BXX	0 - 7
_	→ d	2	3	
	3	3	9	
	4	3	4	
	5	\$	Ч	

=> process it sequentially

- => CPU for Scheduling
  - \* OU executes
    - # it can choose, which process to execute when

## => Round Robin CPU scheduling



CPU (processor 3)

Round Robin - tacky

- time by the

\* Specific processing time is given to all processes in the

## Processes - sequential => Non-preemptine equation

	ાંવ	arrival time	time to complete	completion time
	7	+	68 4 32 A	0 - 7
_	<b>→</b> 4	2	3	
	3	3	9	
	4	3	4	
	5	\$	4	

## Round Robin => (1)

<b>ં</b> લ	anival time	Kine to complete	completion time
7	+	6843	
g	2	3210	
3	3	887	
4	3	432	
5	\$	1 109.	

1, d, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13,

· context poitering or premptine execution

4 Thrads smallet unit of task in process. threads help to execute One operated 6 2 16 allowed fo Calculator at is allowed db find the best Puternet rate Outcome => Cakulak the

out come.

Punkum 1,2,3,4 -> Single core []

Dual core | Core al dua -> dual core

13 | 15 | 19 | 19 -> dual core

quad core

octa core

4 con executes I thread at a time

of [hyperthrading] or allows us to execute a threads on I core at the same.

CPU => n cores => threads => dxN 4 core => 8 8 core => 16 \* Concurrency us Parallellem

Py => 8 ngle core -> 1 process -> 1 thread

4 concurrent processing.

-> Sequenteal X

-> confert Switching

id	arrival time	Kme to complete	completion time
7	+	65	
g	2	31	
3	3	9-8	
4	3	47	
2	\$	H 10	

or concernency es an assumption of parallel processing

