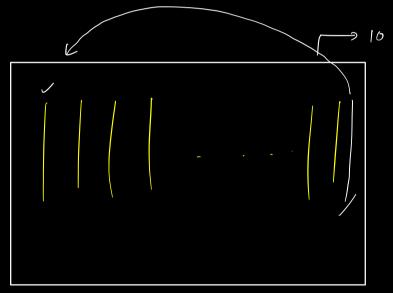
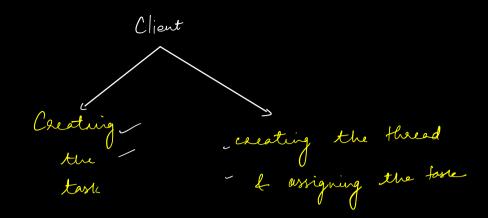
Today's Agenda :-

- 1) Executors
- 2) Callables
- 3) Multithrended Merge Sout
- 4) Intero to Adder Subtractor Problem.





In a multi threaded environment,

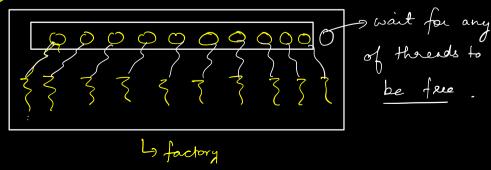
Divide the responsibilities into 2 parts:

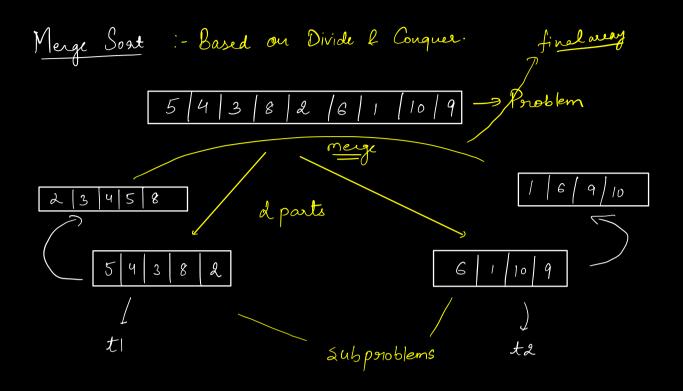
Client - Executors

What task to Knows about the best way to efficiently run the task.

Thread pool (10)

Executor faamework





Sorter (which accepts an array,

Sorte the array & return

the final sorted array)

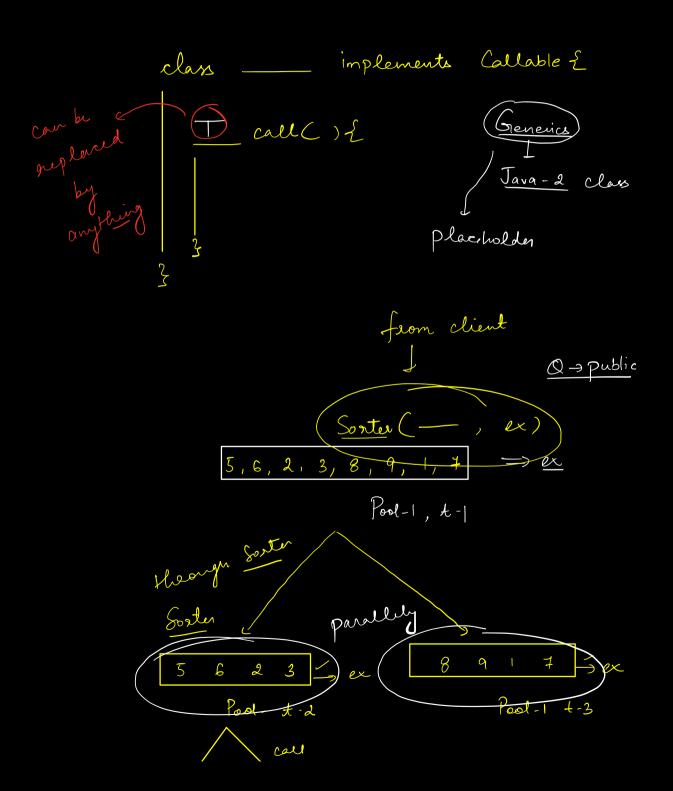
clas task implements Runnable &

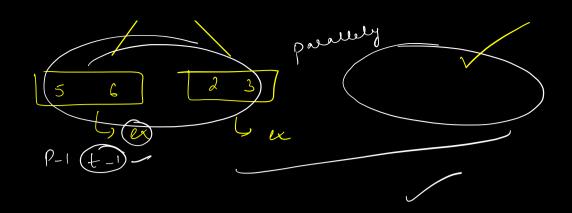
void run () {

[] ; } lade you want to run as a part of

the faste.

Callable: - Runnable + < Returns some data 7

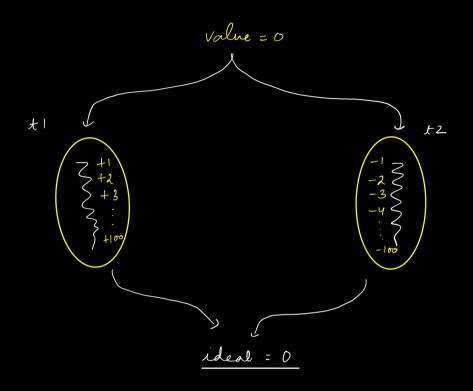




advantage

Synchronisation Poroblem

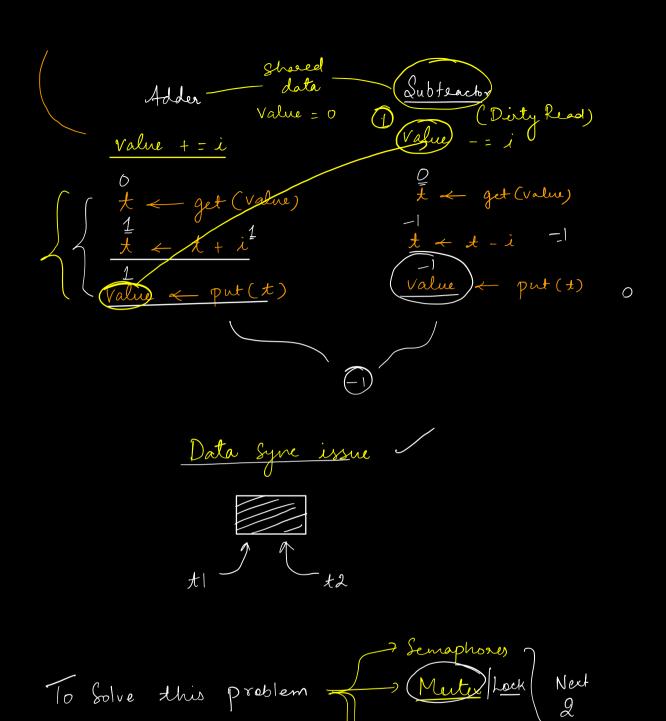
Adden Subtractor Problem



Let's see this in action.

Read Uncommitted

Plis not a peration tos Single for computer of in multithreaded env.



Sync in Java

Threads

[Lacked Service (gives you a thread pool)

[Callable -> Merge Soat

[Adder [Subtractor (Sync issue)

]

To be continued ...