

CS 355 / 596 April 7

M 26 empty

1) record

2) attendance ← open now

Sound test

Midterm on Th. Apr 9

overwrite

PDF

ASCII

← "editable"

Keep paper

use text editor, then subset (save file)
do not "work" on papers

TYPE

convert PDF

mix

10:20

↓ print

10:30

work

→ 11:50

submit

→ 12:10

DSS → email me

Topic Review Lock-based DS.

-2-

Lock-free

Algorithms
Searches

Sorts

Selection

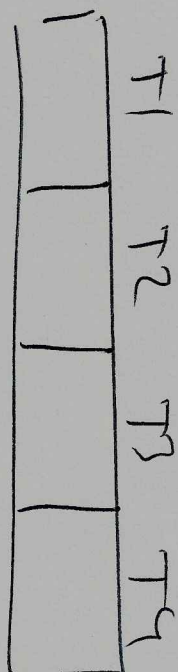
} high-level

+ common sense (Amdahl's Law).

Patterns

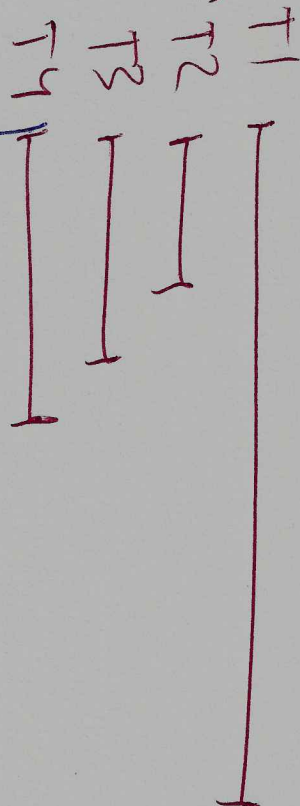
1)

predefined ranges.

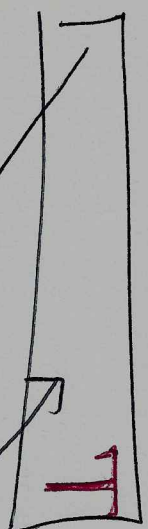


Fewer muters

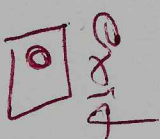
problem



2) bag of tasks/jobs



bag



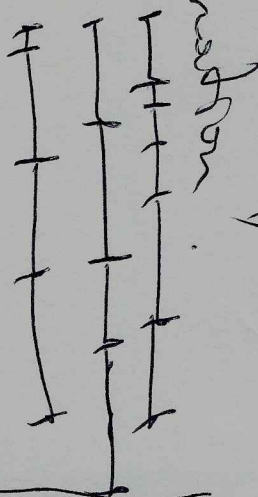
T1 while(1) { pop process }

T2 while(1)

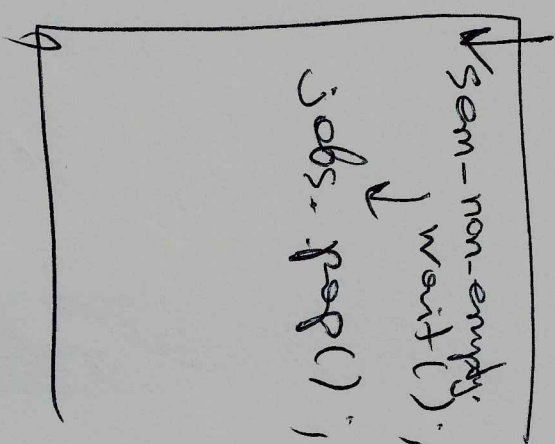
T2 while(1)

Termination

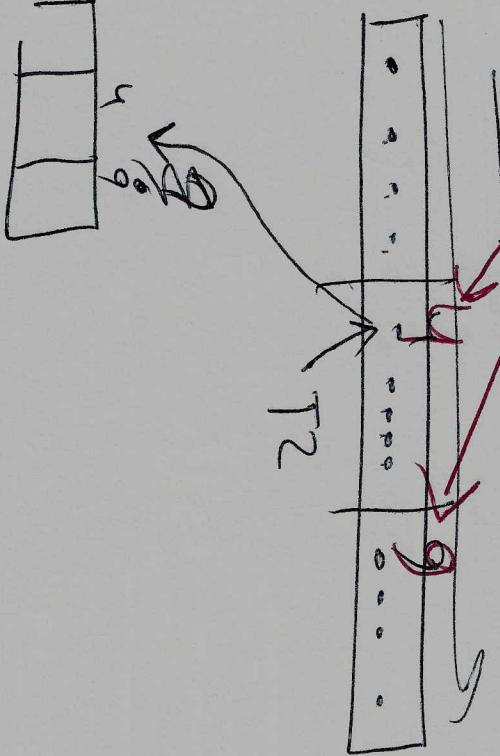
~~wait~~



fin



3) map & reduce



Problem: copy: Prefix

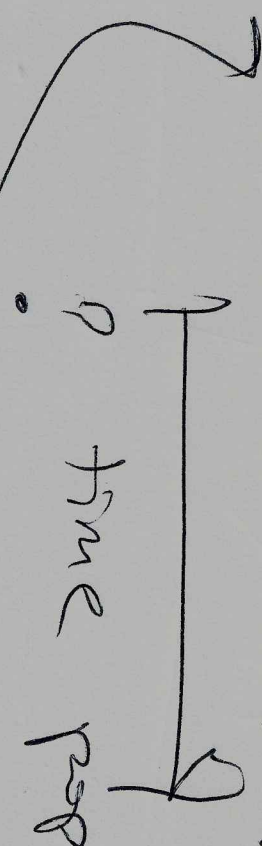
$M = \text{parallel}$

$R = ?$

2a)

while (lexit) { ...

pop



111000

safe.

