logical

oddress
space

F.S.

(proless)

i-node

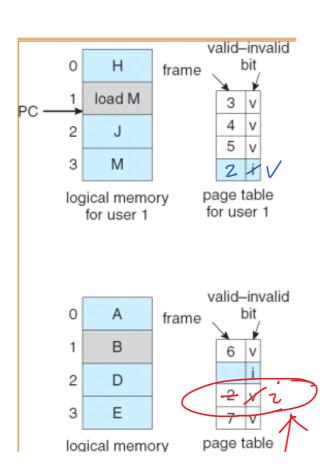
indexing

memod

physical address

'Mem'

1);51c



a veterence from

executing in page 1

needs to veter to

page 3.

a logical address

P# = 3

Cheek the page table invalid - Dan - L

invalid -> page fauit page table logical memory for user 2 for user 2 Assume page Dot Pe is the victim. Update victim's page ( shap in page M update P, page table replacement. When Pi raises a page faut. Vs 5lobal Policy local policy Victim pase Victim Guid be belongs Pi J = 1. ..- n replace ment algorithm

Uses heuristic to determine the vizin page Uses metric to measure the that page faults perfor mame it has 4 yages. We assume Only 3 frames available for P. f2() Var. on demand paging. 3 XVII Step 2: page fault on fils 1 XV Step1: page fauit on main() 1) replace page Due Page faut -> trisser on fu). 2) vertue page o , - ... -3) replace page 2

Why pick page i i= 0, 1, 2?

for a 4k13 page, there could be 2k veference

Ithen the following references on
the same page won't cause
page fourt.

12341234123 4

for( i ) }

if (p) {

le((e)) {

pridict the pranching

PAGE table

F# Plags younger

Lipdone Counter

OS DIEMEND

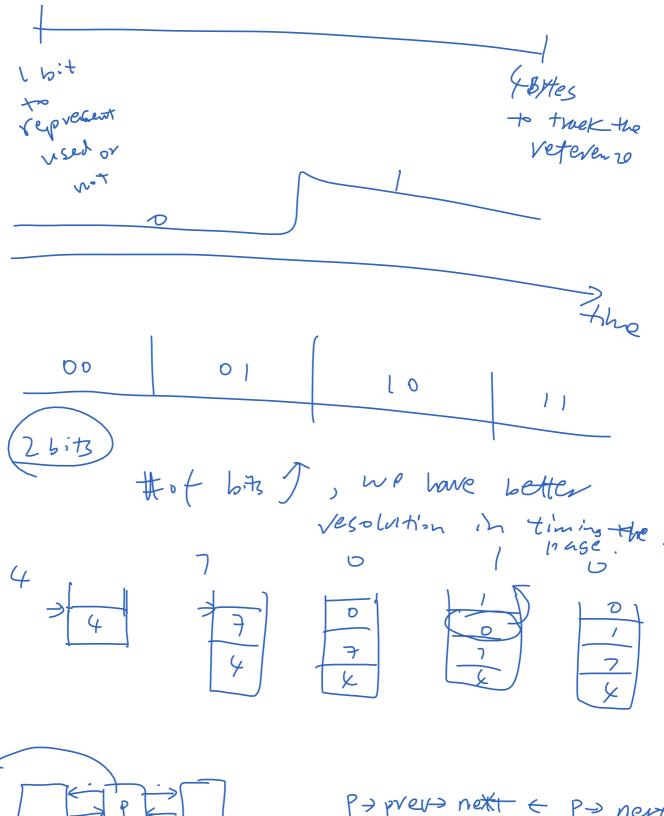
Dat every reference, update te

Louter

- · update they
- · in We was tt

2) storage overtend

extra byte(s) for the each p. T. E.



P-> prev= next < p-> next p> next > prev prev.

Page fauit rate p.

if p=0 means

authe process is

in mem.

Question formulation,

Given a set of processes, e availability of mem (M)

Mon to determine the portion to load for even process? W. v. t M

page

temporal banky

Spatial locality

pc line is

the purbality of

yunning line it!

is Nigh.

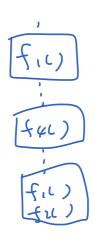
[a,...
A[N]

A(1)

ALTIL i;

A Cet of addresses (P#s)
would be referenced together.

Thank of f(x)  $\begin{cases}
1 & 23 \times 123 \times$ 



WSS = 4 3 frames available