Final day 1

Lab De vintual memoraji, Unit space con in a Vintual memory is called as page. we place page to frame. The structure of page and frame is equal. Frame is on main memory and page is on vintual memoria. The RAMS storage is multiplied of Vintual memorie. ARTHA 10AM = 3 vintual

0/04/2020 Roplacement Algorithm 11,2,13,5,711011,2,11,514, 5,2,5,1 10

Page string:
1.2131411,213,5,7,10,11214,5,45,2,5,1

1 1 5	2 1 2 7	3 1 2 3	1 2 3 4 F	1 2 3 4	2 1 2 3 4	3 4 3 4
5 1 3 4 4	5 7 3 4 5	5 7 10 4 F	1 5 7 10	2 7 10 1	4 10 10 F	5 2 4 5 1
2-4-51	2 4 5	2- 4 5 1	5 4 5 4	1 2 4 5 1	•	

When page fault in areases OS get clower. So, page fault decreases OS get faster.

If frame increases to page fault decreases @ Boladyes Anomale is when frame in creases page soult get no change. De What is Boladyes Aronali

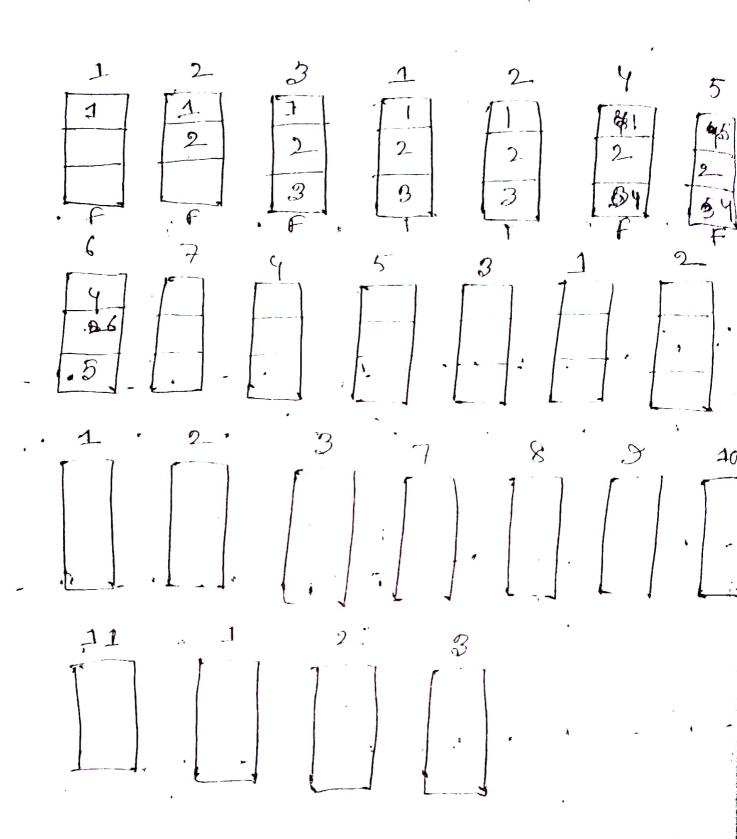
· table : if the

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in the second of the second

20/04/202 1,2,3,1,2,4,56,7,4,5,6,7,4,5,3,1,2,1,2,3,7 9,1011111218 F 8 lo 11 PF-19

12,3,1,2,4,5,6,7,4,5,3,1,2,1,2,3,7,8,9,20,



15/04/2023

Traco Optimal Page Replacement Monithm

1,21,2,3,4,5,1,28,10,9,3,5,1,2,3,4,6,2,3,4,1,2,3,4,1,2,5,6,7

1 1 1 1 1 1 1 1 2 5 5 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3	1 1 2 5
3 4 4 4 4	

optimum, optimal

1,2,1,2,3,4,5,1,2,18,10,9,3,5,1,2,3,4,1,2,3,4,1,2

2 8	2 10		3 - 2 3	4 1 2 3 7	5 1 2 5	- (- (d) (a) (b)
1 2 3 5 Ga Ga	1 10 3	3 5 5	5 1 9 3 5	3 5	2 1 2 3 4	3 - 2 3 5
4 1 2 1 3 4 T	2 3 4	3 1 2 1	4 1 2 3 4	7	2 2 3 4	5 5 2 2 3 4- Ct

06/05/2023/406

LRU (least fecently used Algorithm).
Optimal page Algorithm

06/04/2023 who do the 283 Contiguous memory Albation. # First fit # wonst fit # best fit RAM tom 5mB 25MB 12mB (60

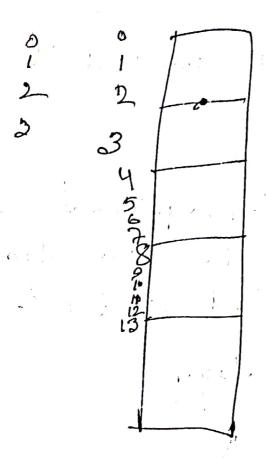
When requirement storages is satisfied its called wonst fit, First fit swhon requirement size satisfied first time itis called first fit: @Best Fit is the best strategy. Figure 9:6

Physical memory => Hand Disk

Physical memory => PAM

Adta address and data

a



5×9+0> obout value =20

Translation 16 wat oxide

Figure 9.1.2 -9 page 297.

ower Table

08/05/2023

paging > class Text

class Test]
page roi frame no.

TLB

@ What do you mean by TLB?

DWLat is the works of TLB?

Why use page table i

Drage table use rated the total use rated

8) 2 level and I level difference

9.5 Segmentation. What is segmentation? Segment table, Figure 9.19 iogical address to physical address Segment 0 -> 1400-2399 1 OUTH base + l'mit-1. (1400 + 01000)-1 = 2399 Chapter 11 File System Intentace What do you mean by file attribut A files attributes: Name, Identifien, Type, lo cation Size, Protection, Time data and uses identification. B-373 File operation Figure 11.1 Common file types - works, différence while compile > 06; file Jennon file
generable file is work.

Inamatically bat operating system is headen file

379

Acaes methods

-> sequential access

> direct accen.

383 Directory Structure

11.3.1

Single-level Dinectory

It there are no sub tolder.
in a stofolder that is ralled single-level d'inectory.

Two-level directory >If there are sub-fix

Figure: 11.8 -> Trose-structured directors

13/05/2023 Lab

Menory Allocation:

Companison of different kinds of fitting of menony.

Input -> size of operating system
Andritary

software would and size or input best tit would til and first tit

2 CLB 05 - 100 MB

2 2048-100 MB

Software space=30m

Best fit

wonst fit

finst fit

	Monday
	Monday Dioopm
19 97 0	
19:11.9 -Acyclic-	graph directory structure
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11-3-5.	
i .	^
chapter 12 10	4,15
Chapter -> 14	
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P1	D2 D3
(20, North	Z (20) \
Wit need with	te kred
Fig : 44.3	
Obial F2 F2 F3	Printer
Donain	Domain is a
DI read	
	logical bonden.
D2 wnit	where some
D3 Head	write entity stobeling
read	
	Jaloo. com
Dy	
	
D5	

7th Elition,

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respect of Jeographiant distance domain controller [main yorks or non] There can be more do mais controlleri who configure durain controller. Access metrix 700 voites on access metrix voing among when there are a temporary pennission it denotes as (if) sign. cuch as -> It read. 14.7 Not important Dirediate Deselective us goveral
Deservation vs so Temporaling is permadant.

Security

1. Breach of confidentiality

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