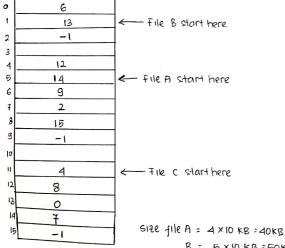
- Lisa Indraputri -05 KISI} → Mo 1 >5 Icicin cingkat. No 2 → File management (20%) No 3-> 1/0 (FIFO /SSTF, SCAH, CSCAH) 20% No 4 -> BHMap 20% No 5-> LRU, Optimal, (204.)

2> File management.

1 Buatlah FAT (File Allocation Table) untuk 3 buch file tersebut:

A = 5-14-7-2 B = 1 - 13 - 0 - 6 - 9 C = 11 -4 - 12 -8 - 15.

Bila masing? block berukuran lokb, brp size masing & file?



B = 5 × 10 KB = 50 KB

C = 5 × 10 KB = 50 KB

External gragment at ion = 2×10 KB = 20 KB

Implement system file mengguncikan FAT yang berist entry berikut int:

XX 0 17 14 13 0 19 -1 0 3 15 0 7 -1 18 8 11 4 16 0

Dengan:

x = block untuk pemakaian khusus os

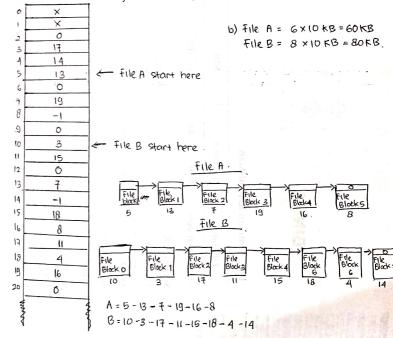
-1 = akhir suatu file

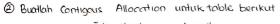
0 = block yang kosons

Jika file A mulai dari block 5 dan file to mulai dari block 10, dimana setiap black berukuran 10 kB, maka:

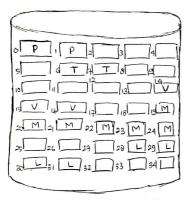
a) Gambar block yang dialokasi pada file A dan file B

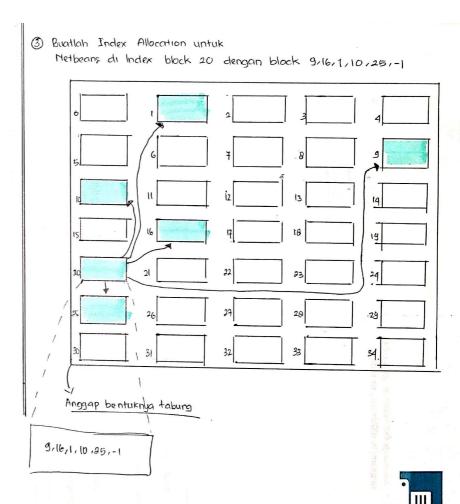
b) Hitung kapacitas file A dan file B.

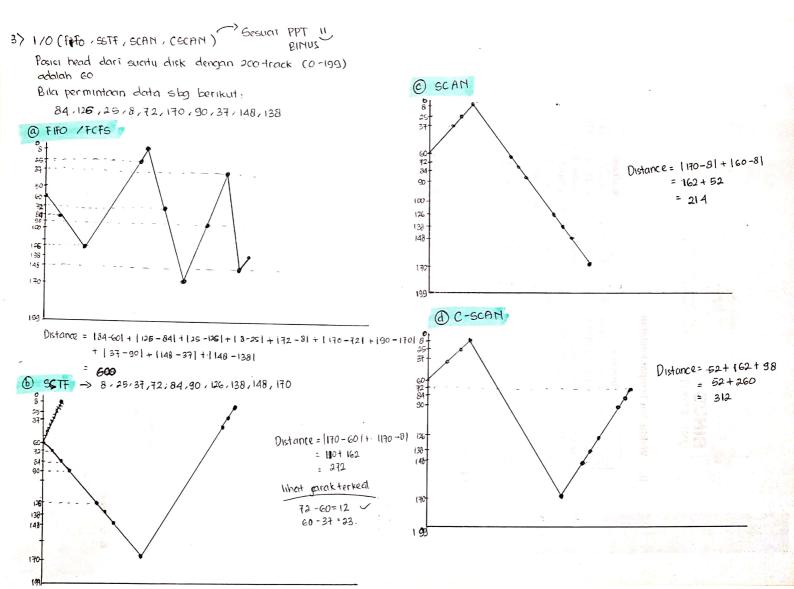


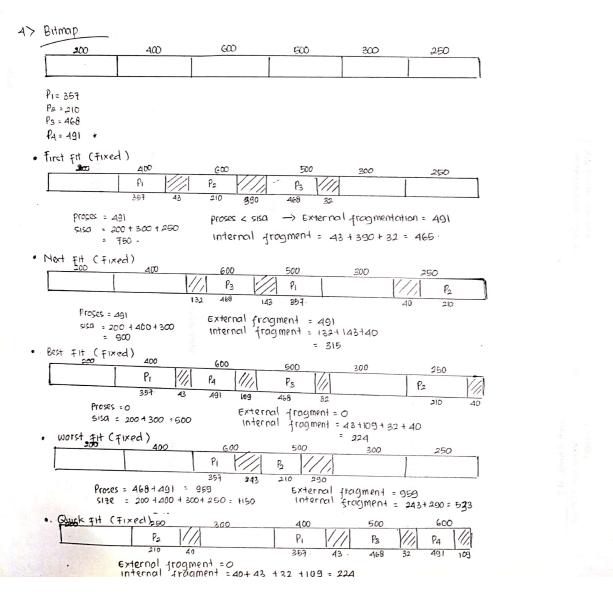


	tile start	Length
Photo	0	2
Video	14	3
Mail	19	G
List	28	4
Txt	6	2









Buddy System 1 MB block 1 MB A Request 100 KB 512 KB 128KB A=128 KB 256 KB B Request 210KB A=128 KB 128 KB B= 256 KB 512 KB GUKB GUKE C Request 64KB A = 128 KB B= 256 KB 512 KB D Request 256KB C=6UKB GUKB A= 128 kB B: 256 KB D = 256 KB 256 KB Release B 128 KB C GUKB GUKB B= 256 kg. Release D= 256 KB 256 KB Release A 128 KBrelear Gukis GUKB 256KB D= 256 KB 256 KB E Request 75kB CEKB GUKB E128 KB 256 KB D= 256 KB 256KB Release C E= 128KB ETIKB GUKB 256 KB D = 256 KB 256 KB Release E E=120KB GUKB | GUKB 256 KB D= 256 KB Release D 256 KB 512 KB 256 D= 256 KB 256 KB 1 MB.

```
5> Diketahui urutan page sbg berikut
      2-3-1-5-2-4-0-6-3-0-1-1-2-4-6-5-2-0-2-4
      yang akan di eksekusi dalam a buah page frame
      tentukan bedasar algoritma:
      · Optimal
                                                                             5 2
               2
                   2
            2
                                                                                      Page Fault = 6
                                                                                      Ratio = 10/20
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                                        #
                                               #
                                           #
                            Ŧ
                   2
                     2
                                                          4
                                                                                     Page fault = 11
                   3
                     3
                                     0
                                         0
                                             0
                                                     0
                                                                                     Ratio = 15/20
                                                  0
                   5
                                             6
                 2
                    2
                       2
                           4
                              4
                                  4
                                                                5
                    3
                           3
                                                                                    Page Fault = 12
                              0
                                              0
                                      0
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                                                                         O
                                                                                      Portio = 16/20
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                              Ao Ao
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                                                         1.
                                                             11
                                                                 10 20 20
                                                                               2.
50.
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                        10.
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                                                  30 30 30 160
                                   50
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```