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Kelas : R2 (Karyawan) / Teknik Informatika

C Program To Simulate The Following Contiguous Memory Allocation Techniques

1. Worst-fit

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Interpretation of the state of the stat
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(1) Iuthfan@DESKTOP-6URA0ND: ~
                                                                                                                                                                                                          \Box \times
               PROCESS BURST TIME
                                                             WAITING TIME
                                                                                         TURNAROUND TIME
 4

Luthfan@DESKTOP-6URAOND:~$ touch luthfanw.c

Luthfan@DESKTOP-6URAOND:~$ vi luthfanw.c

luthfan@DESKTOP-6URAOND:~$ vi luthfanw.c

Luthfan@DESKTOP-6URAOND:~$ gcc luthfanw.c -o luthfanw.out

luthfan@DESKTOP-6URAOND:~$ ./luthfanw.out
Memory Management Scheme: Worst-fit
Enter the number of blocks : 4
Enter the number of files : 3
Enter the size of the blocks ...-
Block 1: 2
Block 2: 3
Block 3: 4
Block 4: 5
File 1: 5
File 2: 4
File 3: 3
 File_no:
                             File_size:
                                                          Block_no:
                                                                                        Block_size:
                                                                                                                     Fragement
                                                                                        96155527
```

2. Best-fit

3. First-fit

```
\Box \times
  O luthfan@DESKTOP-6URA0ND: ~
 File 4:4
 File_no:
                            File_size :
                                                         Block_no:
                                                                                      Block_size:
                                                                                                                  Fragement
                                                                                      -2141505657
-2141505657
                                                         0
 4 0
luthfan@DESKTOP-6URAOND:~$ vi luthfanf.c
luthfan@DESKTOP-6URAOND:~$ ./luthfanf.out
 Memory Management Scheme: First-fit
Enter the number of blocks ...4
Enter the number of files:4
Enter the size of the blocks ...

Block 1:4

Block 2:3

Block 3:2

Block 4:1

Enter the size of the files ...

File 1:1

File 2:2

File 3:3

File 4:4
 File_no:
                             File_size :
                                                         Block_no:
                                                                                      Block_size:
                                                                                                                  Fragement
                                                         1
2
0
                                                                                      932919175
932919175
                                                                                                                                -2
-3luthfan@DESKTOP-6URA0ND:~$
```