Os have

abindoors - (NTFS)

MS-Dos - (FAT)

Linux - (extended file System)

Big data - (zfs file system)

In Os Kennel, there is a module to handle file System.

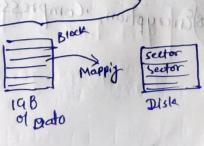
file system is s/w that manage the files. II (

How the data will be stored.

How the data will be fetched.

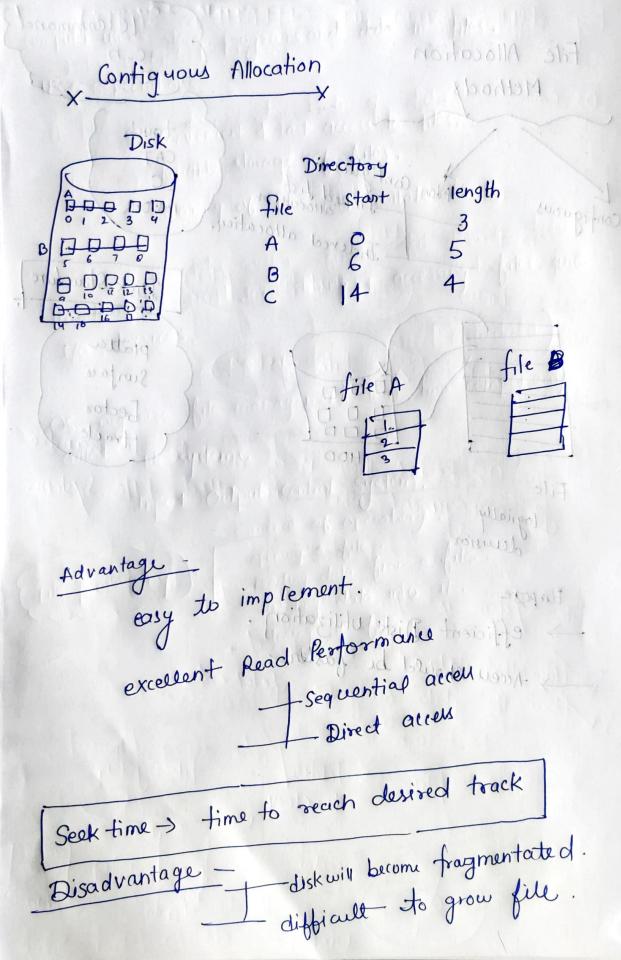
Oser-files folder file System directory





FILE SYSTEM IN OPERATING SYSTEM In of file System. file have some attributes files have some operation creation of file deletion of file 200 tile right write to file Modify to file file 9+ is wheetion of related information File attributes penations performed by file 1) Creating 1) Name 2) Rename 3) Writing 1) Extension (type) 3) Identifier 4) Deletens otab all not 4) Location male basto 5) Reading all we
6) Truncating smodified date, created date Mrstection, Permission 7) Repositioning Blencoyption, Compression -Dolde Tite Attribute touneate (File) Attribute

LC command? File Allocation Allowation Methods touch CAT Mon Configuous LC MKDIR Indexed allocation. Configuous Disk Staucture Market Platter Surface Gector track HOD File logically devision easy to implement. Purpose efficient Disk Utilization > Acreu should be faster of Direct and Seek-time - time to beent desired track - distant boom formantoted. - apathovolent . Mit work of Misiglis



A file management is system is used for file is toughow 94 is a type of software that manages data maintenance operations. files in a computer system sporote sitailer Sharing of tiles with collaborators.

Computer users store programs and data in files.

User expectations

Convenient & fast access to files.

Reliable storage of files.

Sharing of files with collaborators.

The resources used for storing & accessing files are.

I/o devices

Os organize file management into two components called file systems.

Input Output Control System.

sequence of operations.

Sequence of operations.

opening a file.

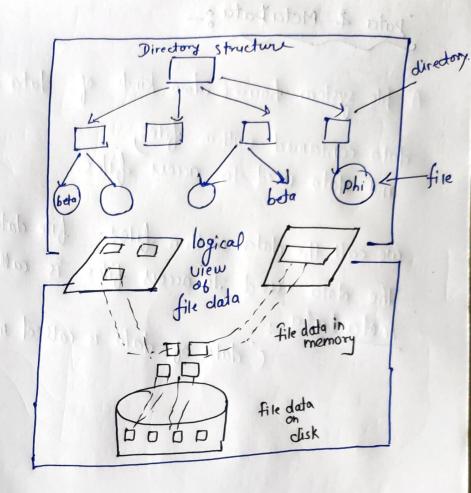
Reading data from a file.

writing data into it.

closing a file.

Process Pi.

Open beta read beta close beta



File System & 10CS

file is a collection of data with relatable inforamat facilities provided by the File System: ->

* Directory structures for convenient grouping of files.

* Rotection of files against illegal accesses

* File sharing semantics for concurrent accesses to a file. * Reliable storage of files.

Data & Meta Data :-A file system houses two kinds of data contained within files, and data used to accell files. The data used to access files is called control data, metadata. (data of data is called metadata)