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easily extendible

3) il a penvice crashes, it

does there on working

) Booting Process Computer, when the covist just switched on it has nothing inside the memory. In order to start the Computer, load the OS into the Main Memory and then Computer is heady to take commands from the user.

2) Functions 9 05:

- Provide Security

- Control over system performance

- Error detecting aids

Other Software and users - Coordination between

- Menory management

- Process Management

- Device management.

3) Unified Extensible Firmwase Interface (UEFI) It is a publicly available specification that defines a software interface between an Operating system and platform fremware DEFI can support remote diagnostics and suppoir of computers, even with no sperating system installed.

4) Microkennel and Monolithic Kennel Application Application 1 Uson VFS, System cally Applicate Union Device File Server Doing Server IPC, File system Space Schedular Victual Memory Kound Basic IPC, Virtual Merroxy, 3cheduling Device Driver, Dispatcher Space Hardware Hardware Monolithic Kernel Microkornel 1) In monolithic keenel, both In microterna user services user services & kernel services and kernel, services are are kept in the same address Kept in separate address space. space 2). Monolithic Kernel is larger 2) Microkernel are smaller in size 3) Slow execution than microkernel 3) Fast execution 4) The microkernel is 4) The monolithic Keenel is easily extendible hard to extend. 5) If a service crashes, it 5) If a service crashes, the whole system crashes in monolithic does reflect on working Keenel of microkernel 6) Less code is required. 6) More tade is suguered 7) Ex: QNX, Symbian, 4) Ex: Linux, BSDs (Free BSD, 14 Linux, Singularity, K42, Mac OSX, Integrity, Open BSD, Net BSD) Microsoft Windows (95,98, Me) Solaris, Pike OS, HURD, Minix OS-9 AIX, HP-UX, DOS, and Coyotos. OpenVMS, XTS-400 etc

Legacy booting.

It is the boot process used by basic input/output system (BIDS) firemware. The firemware maintains a list of installed storage devices that may be bootable (floppy disk drives, hard disk drives optical disk drives, tape obsives, etc.) and enumerates them in a configurable order of feriority

BIOS (Basic enput Output System)

BIOS is a very small piece of code contained on a chip on your system board. When you start your computer, BIOS is the first software that ruens It identifies your computer's hardware, configures it, test it, and connects it to the Operating System for further instruction.

7) Commands to check disk partition in Windows
a) diskpart
b) list disk

to action were bad and rolling as swalling

but not pre. Start mountantlas!

trong , and windows Exploses.

5) select disk grumber }

d) clean

2) create partition primary

1) select partition 1.

g) active

h) format fs=fat32 quick

8 List the Commands on survices on Windows. In Command prompt type sourices msc you can start and stop survices to rin.

9) WINDOWS.8

- Released in 1985. It was supposed to be a graphical user interface on top of MS-DOS. All features of MS-DOS were later integrated with windows 95 release, this lead to windows transition.

File structure Windows follows a directory structure to stone the different kinds of the file of the visu. It has logical drivers and cabinet drawers.

It also has folders like documents, pictures, music, videos and downloads.

files such as spreadsheet or an applicate program, which has extensions as txt, jpg etc. thas . Recycle bin for deleted files, it can be configured to increase its size.

Registry - Windows registry is a master database that is used to store all settings on your computer. It is suspensible for Storing all user information with its passwords, and device relate information. The neglestry also has an editor which allows you to view all keys and values or even drivers if necessary.

Interhangent Windows interface was not interchargeable until Interface

Enterhange Windows interface was not interchangeable until Windows 8. Windows XP had Some improvements but not pers. Start menu, taskbar, system tray, and Windows Emploses.

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Command terminal

A terminal or command prompt is a black box ideally used to execute commands. It is also Ealled the Windows Command Processon. It is used to execute commands and deferent batch files. It can also be used for administrative functions & troubleshoot & Solve all windows issues.

MACO DE COMMENT DE LA COMMENTA DEL LA COMMENTA DE LA COMMENTA DE LA COMMENTA DEL LA COMMENTA DE LA COMMENTA DEL LA COMMENTA DE LA COMMENTA DEL LA COMMENTA DEL LA COMMENTA DE LA COMMENTA DEL LA COMMENTA This DS from Apple Stands older than Windows. It was first released in 1984. Began as a GUI oright from its inceptn. In 2005 the design and stowelive of MAC 05 were changed to Intel x86 passed architecture

The file structure of MAC is commonly known Mac's hard disc through the finder, you will see many directories. You can emplose the file system and directory structure by going to directories like /Applicath/Developa, 1sbin, 1tmp, elc.

Mac stores all applicator settings in a series of pliest files, which have the various preferences folder in MAC. This plist file contains format. These are stored at:

1 Library Profesences folder MAC has a facility to bridge. Viertual rectirork

interfaces. This can be done by going to system pereferences and managing the interfaces

- MAC provides a console as a terminal of It has a console, command line, if thompt 2th terminal of command - line is used to type your commands. Prompt will provide you with some informater & also enable you to twen commands. A terminal is actual interface that will provide the modern graphical user interface as well

Application -> Utilities (terminal location)

LINUX.

- Developed at Finnish University, released in.
1991 2 designed for GNU developers. GNU late
developers later it into Lineux. Consumers
use it as per their specification.

we it as per their specificath.

Lênux has a completely different file structure from Windows and MAC. It was developed with a differend code base. It stores data in the form of a tree, and all your driver are mounted by this tree.

- Linux also does not have a specific registry of its own. All applications setting is stored on a giprogram basis under the different uses in the Same biomaschy format of the files being stored. There is no contralized database for staring these details, and so periodic cleaning is also not required hinex is easy to switch interfaces. You as Switch the environment without having to carry all installations. There are utilities

like GNOME and KDE which help in categoing to these needs. They help in focusing on different aspects. Lenux also provides a ter minal · You can fend treaminal at Application > System or Applications -> Utilities. In addition to common shell used in bash. It defines how the terminal will behave and look when it is suen.

19) List the Step to Check disk partitions in windows

Step 1:

Right click on this PC Step 2:

Step 3: Choose 'mange' from the pop-up menu.
Step 4: Navigate to Storage -> Dist management in
navigation panel.

1) List the steps to start / stop services in windows Step1: +Lit windows key + R to open the sun window. Step 2: Type in services msc in the open: box Step3: Services dialog box/window will open Step 4: Select the service to start / stop steps: Choose the relevant option to operate

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ram = trans / 1 miles