Assignment -1

Araum -1

unix ble System loyout .-

Boot Block	Supri	Black	Inode list	Pata	Blocks

Boat Block: - Contains boatstrop code that is read System. into the machine to book the operating System.

Super Block! - describs the state of a file system.

how large it is how many files it can store where to find free space on the file System.

Inche List! - Is a list of inades. The inades (index node) is a data structure in a unix-style life system that describes a file system object such as a directory Each inade stores the altributes and disk block leadings of the objects data.

Onta Blocks: - Store file data and adminstrative

Answer-= chmod: - (change the access permissions)

This command is used to change the the premissions are read, write and execute permission for the owener group, and other.

Synton: - chmod [ugoa] [[+-=][mode]] dile

Example ! -\$ 15 -1

- xm-x-x-T neer stoff 30 In 31 12131 Tile T - AM - 1-T ABEL 24 22 200 31 12;35 9:165

& cruod nootm liveT

\$ Is-1

- 1 m- 1 m - 1 neck start 30 200 51 12:31 first

- YW - Y - Y - T UNET Stay 35 Jun 21 15! 32 Jile 2

4 chmod o-w dilet

\$ 18-1

- YW-YW-Y-I USER Stoy 39 Jun 21 15:37 file I

- YW-Y-Y-1 URET Stell 35 Jun 21 15:32 dile 2

\$ 15-1

- TW-1-X-T NEER Stoff 39 June 21 12:37 9:10-T

- YW - Y-Y- User Stay 35 June 21 15:32 dile 2

4 chmod 777 dies

1s -T

-YWAYWXYWXL USER Sted 39 June 21 15:37 die 1

- YW-4-7-1 User Stey 35 June 21 15:32 Miles

Chown: (change ownership of the dile) the owner of the die has the rights change the dile ownership.

Syntax:- chown [owner] [Jile]

Chown users dilct

Answer-3

process: - In linux , a process is any active (running) instance of a program. But what is a program? well technically a program is any executable dile held in storage on your machine. Anytime you run a program, you have created a process. At a basic tevel this is pretty easy to manage and that is what owe are going to take look at today.

you can instead poess chil-z to send a suspend Signal to any process suming in the Jereground. pausing it immediately. If you chose the pause option you'll be able to see the process with ps ax, but its status will be T (Stopped).

Answer = 4 The architecture of a -unix Kernel! -

Hardware Layer - Hordware consists of all posipheral devices (RAM/HDD/cupcpu'etc).

Kernal - It is the core component of operating system, interacts directly with hardware - provides Low touch services to upper tayer components. shell - An interfore to kernal hiding complexity kernely durction for from users. The shell takes commands from the uses and ex+cutex Kernelis dunctions.

Scanned with CamScanner

most of the functionalities of an obesating street provide the user

Responsibility! - Kernel is the core part of linux. It is responsible for all major activities of this operating System. It consists by Various medules and it interacts directly with the underlying landware kernal provides the required abstraction to hide lew level hardware details to system or application pregram.

Answa = 5

Comparison	Absalute	Pelative path
	the roat directory	docation drom current directions
delimiting chanacter.	delimiting chanceter.	with a delimiting
to to	content drom	the same domain
in ure used	ure absculte	URL relative
nomes -	file path or	Non-absalute Path.