Thamshee Ny. Assignment 1 19/10/21 211047004 Page 1 1) Booting mocers Power up | Reset Osystem startup - BEOS/Boot leader D Hagei Boothoader - Marter Boot Record [N.B.R.) (3) Dage 2 Brotbouder - GRUB, CILO, VEFT etc. - User ispace (2) Seemel BIOS in Basic Engril/Output upstern. - Stored in flash memory on the mother board - Fill code executed by processor.

- Boos decodes which deroces are condidated - When boot device is found the frest stage book doader is loaded into KAM & remembed. MBR (Master Wood record) - Located in 1st becke of hootable disk. - vendey /der/hda à /der/ida - Contains information about GRUP (ox LILO in old systems) MBR loads by executes your boot loader - Grand Unified Bootloaders - Config file is: /boot/grub/grub/conf.

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- Nounts the work of	le system.
- Nounts the nost of - fletps to accurs the	harddine partitions.
5. J	Jake St.
- Runleves 3 - 0 to	inithered from lete l'inittale appropriate program. It /etc/initale ishall identifythe
- Identify the default	init level from Rte/Instruct
- to load all a	ppropriate program.
- grep "init defant	t /etc/inital whall identify to
2) Functions of Steration	g Ajstem! by the bound of the second
s limith	
~) Job accounting	the course with the grown
2) Control over hyster	performance dende son sond made
4) Raid detection	with office the same
5) 60-ordination i	ment (1)
1) Many By	
2 (Diarity H)	
a) file managen	ent i belie militare and income

ne Monolitic kund. Page 2 3) Microkum Application Application) Derica File Application unix Luve su w IPC | Suver VFS, System Cally DPL, FS Baric IPC, Schedulu vi stud memory Michael Memory, behedring Device Driver, Dispatcher Kund space fladware flandwar Mondishiz Mino Surel Kunel Monolishic kund Micohurd Rasi c Both usu & Services Usu sunce 9 rainsi c & found ravices on Kund surice a Regt in different kegt im same address space larger-blan mi wokunel Michael are 63 smallk in Trust Slow Lake culion

a UEFI Vs legacy boot

degacy boot

VEFT WORLD

Proces used by boot pours on B205 framesare. UEFI - Unifichel extensible Fremware Interface

Ween count

I tous a list ref installed storage devices that are lootable according to a configurable order of mionity. It provides use friendly by I & recognises large storage devices as opposed to legacy boot.

- Lower conqueed to UFFI

flolds additional samily

- Les was fixendly

More user friendly

- Was MRR partition

Usus GTP partitioning 3 chance

- 500 s firmenau for boot process ja boot places

Discuss on operating systems.

- Linux, windows & Mac OS.

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Linux	windows	Mac US
Open bornce	Clos souce	Closed souce
Stores data in	was the directory	shucher conmorty
the four office	Senetire	known as MAC OSK
Does not have	kegnishy is a marter databas which	Store & all applications
egisty of us	Stores all the	of phist files.
own	Not intuchangable	was a facility to
institutes	interfaces til win 8	bidge vistal Hetwork
		S. 10 - Mark Car Committee

1 To check disk partitions in windows U.S.

Degen Command Pronje

Dux diskpart

Some of the commands to us: _
Active, Rusk, chan, Create, Add, Assign,
Detach, exit, compact, latend, expand,
Trusport, help, machine, select.

9 Command to sheek survices on wind	lows your by
Step1: WintR	the richm
Sep 2 ? Run opens	Jake 1 h
Greps : Type me selvices, ms c	E Inter.
Blys to check disk partitions in wine	1 ann
1 John Shi and a	A Y AN
O higher click of This PC	they had been
3 Choose Manage from never 4 Navigate to Storage > Dice mana	rgened and
in Navigation panel. Dhist to Hart or Stop services in wi	rdous
Dogen Task manager	
(2) Check sum as too	a make Ce
3 Wew the Services in Running Pa	13/07 gred
8 tale	1
(4) light click on surice & Storet	- / Khops.
the state of the s	