Coure 2 Week 3.

Vsevakernel Modes.

Minist Windows. 40% run on Lindows. Windows. Windows. For IBM compatible Pcs.

Direct control to
Application.

ver Mode.

-) When you start a user-mue application, windows creates aprocess. for the application.

asones space.

-) Brivate handle table.

- Crich Annication run in Isolation

and if an application Crashes, the crash is limited to that one application.

Reinel Mede.

All code that Thins in Kenner mode shares a single virtual assistes space.

The accordend much driver accident writer to the wrong of a contract of the selongs to the operating system or another driver could be compromised

SIE alkersel mole d'oliver Crastes, the entire os Crastes.

File System.

-> File ryslem enables applicates to

storage devices (note)

offer are placed in a hierarchical struture. The file system specific namely convention for files and the something for specifying the path to a file in a tree structure.

) A file is a unit of dutor in the file system that a user con a cons un manage.

-> A directory 15 a hierarchical collector, of directories 4 Giles.

Types of File System.

NTPs (new Technology Pile Synthen)
- Introduced in 1993
- Most common file system from

Undows end yours -> Most Lindow Servers use NTPS asked. FATH (File Allocation Table) Dimple file system uses one He 805. -) Minhors proceeding FAT refer to The number of bits uxis to environment a fill system. -3 NOW mainly used for remoable Storage devices under 32008 cypuily

Directory Structure.

1 Program Files (2-86)
1 Program Pota
1 Program Pota

L Wingshi 04 67 13 Memory 1 Custinare > Apr also windows 19Hm J syskm32 1 Sys Wan 64. Shot cub Scommuss. Cntrol Z Control A Alt-tab > Smith App. PIA -Fu-> Close App. Vinto: Show or hide dest top. Win left ornight : Shap Winsows Tob & Sheet + das : former and hurling

(2) - Renamo

FS - Refresh

Lin+L - Lock Your Compute.

Lin+S -> Seethigs

Lin+Sim > Save a Screenshood

Lin+Montsim > Virtual Desiden

Lin++: Open a hidden

Menu.

L'inux Systems.

Basic unit of storage for dater

- CLI bonnard line Intervae.

- A directory is a special type of
file.

Ale. B. Misselman to hold info

about other files.

1-Root. Only root uses has priviled /roof 1- is hone director. 1 bin > tontaing Trinang executing Ps, 15, pin syen, 4, metc. /sbin -> syth maintain congulation fileslete -(VOY) logs 1 tmp > kmp files /hone -> Rensonal files 1 boot -> bout time load files.

Multi user symmet.

Single users

Multi user symmet.

Multi user, post

Net tronk, post

Net tronk.

Reboot.

Mu OS.