Sheaff

Nicholas LaJoie ECE 331 2/16/17

* Regex tool:

 $qr \Rightarrow ex.$) $qr/|d{4}-|d{2}-|d{2}/$ makes it easy! "anote reg exp", can assign it to variable

Exam 1.
Two weeks from /

* Next HW:

- C float

- perl scripting, a code (gonna need for testing for kernal driver) ashes in ped.

* hashes in ped.

-associate

- { } it's a hash (assessing)

- hash of scalars, not a hash of lists

=> Prob solved w/ "references", use \ to define variable as a reference

=> dereterence => @ {\$\$f {\$\$l}}} -> prints entire list

- hashes are really useful for non-numeric data (goto for stuff w/dif. characters suseful for

* Sorts lexically

fgets is a "blocking" call -> All read/writes are "blocking" calls in linux by default way around, change filewoode to non-blocking * LED tutorial (elinux); sysfs

* A better gcc (make files!) => Caution: most people don't understand make => Best source, man info pages for make -> Create makefile - Review navigating man pages -> TARGET = blink //a hash define CFLAGS = -g - Wall on Pi Narabler OBJS = blink. o // despte six make ! S.f; fortran LIBS = - Im //link math library -> Write Rules: all: \$\{\frac{1}{2}\text{TARGET}\} could list a Default rule #1 \$ { TARGET }: \$ { OBJS } Makes the c-compiler go!

-> Makes the c-compiler go!

-> Make object files

-> Make obj vindicate tab using: * make -n

(test ;+-shows what it would do, test!) [* Make looks @ existence of file : timestamps!] sif there's a 'clean' Rile... use "PHONY: all clean New Project: cp it! * searches other directories for libs * Don't list. c for OBJS!!

LOMBIE AND : "Processes"

=> An abstraction of a (running) program that includes system resources: memory, cpu time, (hardware).

· Every process has a unique ID (PID) 1 > 216-1 (where's)

· Reused. After process dies, PID becomes available-reused

⇒ *ps ag ×U > sys\\
*ps -xf... > BSD > What are these?

=> Attributes

· UID/6ID

· niceness //how willing you are to give up process

· controlling terminal . signals to process . signals //send signals to process -> use 'Kill term' to Eterminate process

'stop'

'cont' //hangup reinitializes it

"init" is parent of all processes (everything is descendent)

=> States

. BR (raming), using CPU

5 (sleeping), usually means don't need CPU

D (waiting on, disk wait

T (traced), used for debugger

Z (zambie), can't kill this!

P1 post () makes children * Check for scaling post of color of corors:

P1 post (almost) identical copy errors:

P2 reap return from * Child dies * parent gets signal that, child siek or return 3 while * Reaps return value from child no return reaping, belowers a zombie...

P3 (return 4 wasn't collected)

| All it's using is using entry in process table, that's it