	Sheaff	Nicholas LaJoie
*HW#5 has a spri		ECE 331 3/21/17
* Cloning the kmorse - clone, compile, load,	verify device tree stuff is	Flash Firmware.
		- Patched AVRdule - Firmwore posted
* Makefile for kernn	rod	
		Project: - Use Linux dictionary (wad-by-wad)
no initializations	serial port	- Debugging · Disable BT on Pi 3
minicom -0 gps	bound so te	· boot/config.tat
* put spaces between debugging	letters for #How	to set up minicom?
* Remove checken/p	reamble - capture both	- do diff to verify
Kernel Module: Stat header (p.	ermissions?) retty new - still in dev) retty new - still in dev) retty new - still in dev)	I file: .dts
· device tree: (p probs hardware	, makes text hash, finds	drivers that match
· For PiPi - at boot, i? - Graphics processor be	costs, tells about he works, tells ARM to land ke wholes "EEPROM"	ernel
- Pin 4, 17, 22, 23 • EEPROM settings for	wholes "EEPROM" Hernel driver will take lile	a foncurency)
- Pin 4, 17, 22, 25 + kernel driver to the EEPROM settings file - device tree compiler combines .dts : EEPROM locking locking locking settings into bin. file, per l converts to C, dumps it onto board		
it onto book		

* Probe : Remove "brom", bem 2835-morse"
name of board * "of" - open firmware (device tree is part of this) * null terminated array (sentinal) of matches) - morse-of-math[] * Look @ the source of other drivers! (in Linux sre) * MAKE SURE BOARD IS PLUGGED IN WHEN YOU LOAD | & Don't have programmer pluggest in when you reboot! ret = - ENODEV; /Based on ERRNO

goto fail; //gorna need (always negative)

to use this - need to free memory,

values!

(don't get kernel memory leaks!) * Kernel fault = back trace (need to rebost) * Know: allocating premary in kernel (kmalloc) -> (size, type of memory) => GFP ATOMIC (dn. 7 of dev. driver.)

**Addresses:

Telet free pages

outside of process context,
never sleeps =) memory will stay on processor (#Organize data with structures)