

ECE 471 – Embedded Systems

Lecture 34

Vince Weaver

`http://web.eece.maine.edu/~vweaver`

`vincent.weaver@maine.edu`

5 December 2018

Announcements

- Don't forget project
- It would be nice if a group could move up to Friday
- Strict time limits, might want to practice
- HW#11 due Friday
- Don't forget to return parts



Final

- Monday, December 17th, 12:15PM - 2:15PM Stevens Hall 355
Notice both time and location are different from class
- Is cumulative for whole class, but concentrates on material from latter half of class. *No assembly language*
- Know the definitions of an embedded system and be able to say if a certain machine meets them.



- Know hard/soft/firm realtime
- Know the benefits/downsides of an operating system
- Security/Code Quality – mostly be aware of what things can go wrong if you are not careful when coding
- Embedded busses – know the relative tradeoffs between i2c, spi, and 1-wire. Mostly speed, distance, number of devices
- Power/Performance like HW11



- Give you some C code from one of the homeworks, comment it



Live Demo of perf



Chiptune Demo

Gave a sample project presentation

