ADC

Agenda

1. Intro to ADC

2. Assignment for simple PIC project

3. Planning of next seminars

ADC

- World around us is heavily dependent on analog values
- Examples: headphones, Wify, and VGA
- Instead of 0 and 1, we have range of values
- Signal can be sampled and digitized

Prepare project

- Open your projects

- Copy and paste main.c

- Check the project together

Useful stuff

- Datasheet
- Board schematic
- This project uses button as input not reset (see datasheet for MCLR pin)

Assignment (pair programming)

1. Find a "TODO" comment

2. Implement the thing mentioned in that comment

3. Note the index of the comment to the top comment

4. Repeat if there is still some unresolved "TODO" comment

Next seminars

- We have 4 left seminars

- We will switch to a new board and re-learn some stuff

- The last (possibly last two) seminars will use NXP CUP cars

'That's all Folks!