

# Software Atelier II

“Wednesday Lectures”

05/03/2014

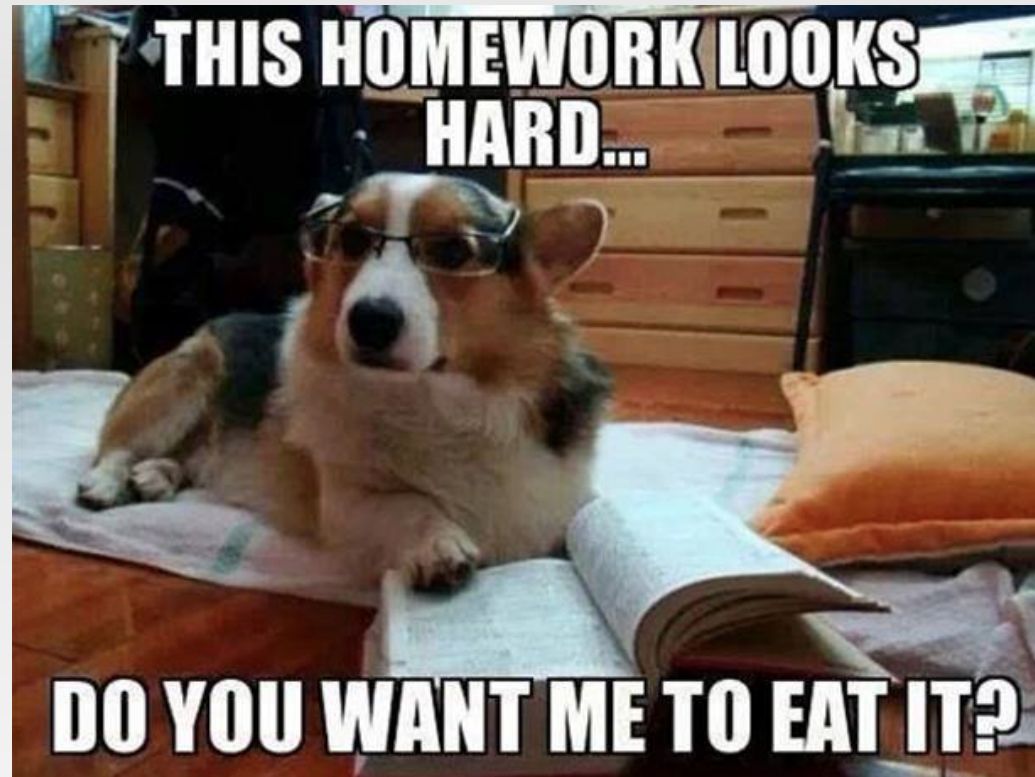
**Davide Eynard**

Institute of Computational Sciences - Faculty of Informatics

Università della Svizzera Italiana

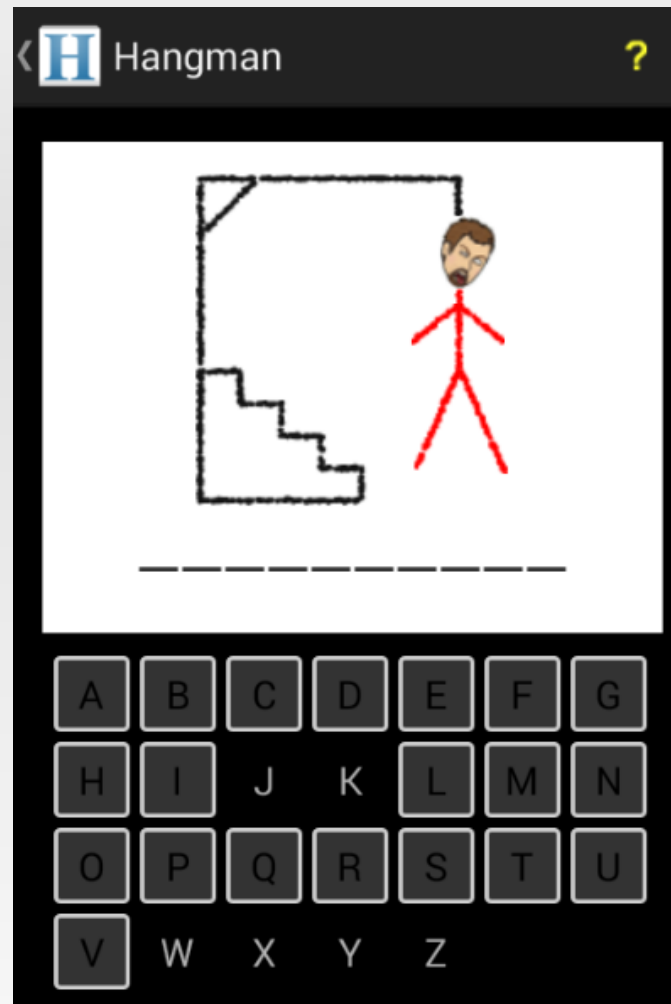
*davide.eynard@usi.ch*

# Raise hand if...



... you found the homework hard?

# Raise hand if...



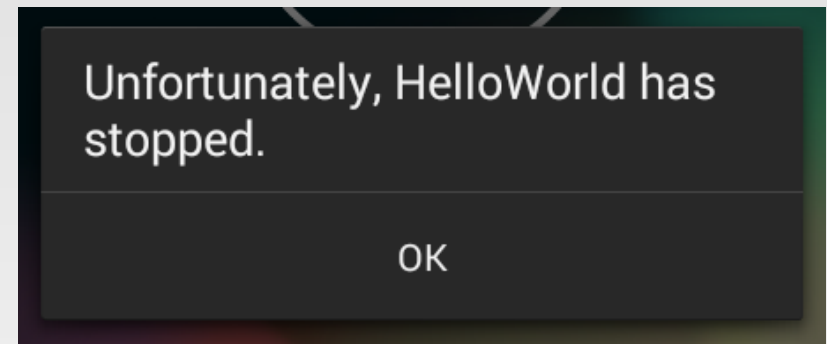
... you dreamt about this app?

# Administrative

- No forum posts? No probs (for me)
  - ... maybe for you?
- Homework evaluation
  - I am checking out your projects (good job!)
  - I will give grades after I see all (and hear you today)
- Office hours
  - on Friday, what time?
- GIT anyone?

# Your main problems (that I know of)

- Not enough time
- Mess with projects/namespaces
- Your worst enemy: →

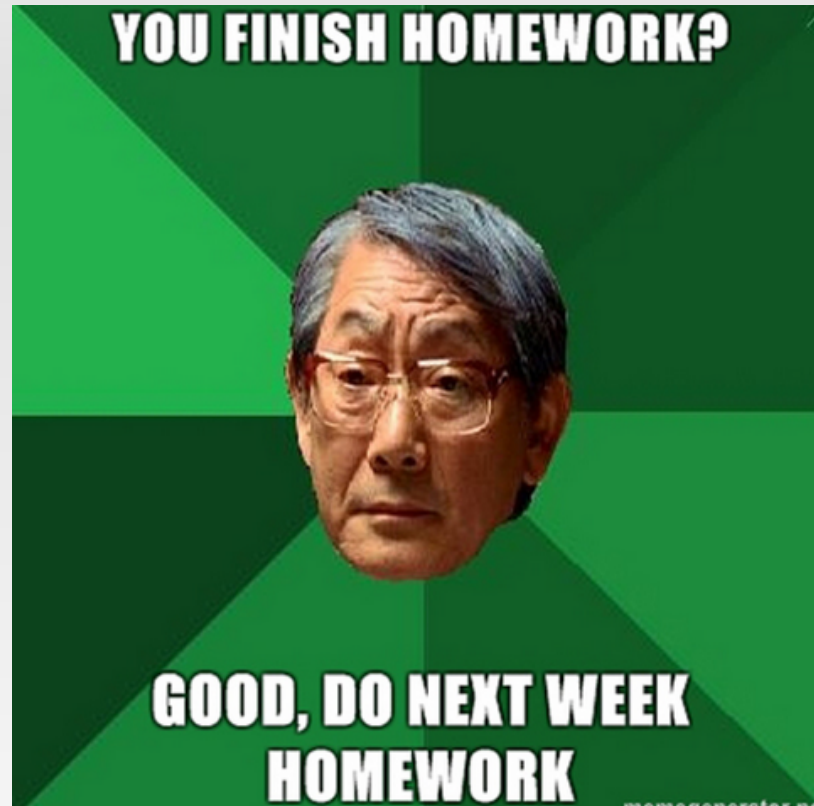


- Where are the main problems?
  - in the IDE?
  - in Android programming?
  - in Java programming?

# Plan for today

- Hangman walkthrough (Hangman\_tutorial)
- More on adapters (TestAdapters)
- Saving your data the easy way (TestSharedPreferences\*)

# Assignment 02



# Assignment 02

- Follow the tutorial on Intents [here](#) and build an app which
  - gets data (e.g. URL, address, phone) from a form
  - passes it (using an *implicit Intent*) to an external application
- Choose Your Own Complexity
  - only condition: it *MUST* work
  - ... plus, fix your previous assignment if it does not work!
- **Submit to iCorsi**
  - **deadline: Tuesday (11/03) night**



# Assignment 02 – bonus

Build a “website watcher” that connects to a list of URLs, downloads their HTML pages, and verifies whether they have changed w.r.t. the previous run

- use what you learned on listviews, data saving, and HTTP connections (ready-to-paste code in the treni project)
- instead of saving key/value like in TestSharedPrefs, save url/pagehash (MD5 code is available in TestSharedPrefs), then test against prev hash

# Useful links

- Saving key-value sets
- Sending the user to another app
- Life Before Loaders
- Why do contacts repeat in ListView?

# Thank you!

Thanks for your attention!

Questions?