Xcode

* Communicates with command line

Collects the output of the command line

* Show it in Xcode
* Swift
* Objective-C

Terminal vs GUI

* Terminal
* More feedback on errors
* Easier to communicate between engineers

Methods/functions

* Knowing the algorithm behind it

Coding challenge

* Be language agnostic
* Make the code easy to read as possible

**Whenever you see a loop**

* **Opportunity to convert to an algorithm**
* Create a function instead of a loop

Creating the function

* Pass by reference/value
* Does it change the array
* You get to create a good design deciding

Pavel will do Blog Post

**Read the source code base of Rails**

* **Go to the open source**
* **Test folder of functions**

Ruby gem pry – for debugging

* gem install pry
* pry
* gem install pry-doc
* place in config/application.rb *require “pry”*
* to stop pry *!!!*
* *continue*