

# HW01 instructions

Ruby On Rails Course



# Clone your repository

- ✦ Go to <https://github.com/InfinumAcademy>
- ✦ Find your repository: “academy-#{name}-#{surname}”
- ✦ Copy the clone url (it’s in the lower right corner and it should be something like: `git@github.com:InfinumAcademy/academy-#{name}-#{surname}.git` )
- ✦ Go to your terminal and clone it: `git clone git@github.com:InfinumAcademy/academy-#{name}-#{surname}.git`
- ✦ If you have troubles cloning it, it’s probably due to the lack of a public SSH key on your Github: <https://help.github.com/articles/generating-ssh-keys/#step-4-add-your-ssh-key-to-your-account>



# Create a new branch for working on this assignment

- ✦ Once you've cloned the repository, please create a new branch for working on this assignment called HW1 with the following command:
- ✦ `git checkout -b HW1`

# Install bundler

- ✦ Bundler is Ruby's dependency manager used for installing various libraries
- ✦ Install it with: `gem install bundler`

# Run bundle install

- ✦ The homework assignment uses bundler to manage a few dependencies that are listed in a file called Gemfile placed in the root of HW1
- ✦ Install the dependencies by running `bundle install` from your terminal

# HW1 folder structure

- ✦ There are two folders that should interest you:
- ✦ `lib` folder - the folder where your assignments are
- ✦ `spec` folder - a folder with tests that will verify your solutions
- ✦ continue reading for more clarification

# Lib folder

- ✦ The lib folder contains 6 Ruby files
- ✦ Each file is a separate assignment
- ✦ Each file contains a part of the solution that you will have to edit to get it to work
- ✦ The description of the assignment is in the comments on the top of each file



# Spec folder

- ✦ The spec folder contains tests that verify your solutions
- ✦ Do not edit these files (unless otherwise instructed :)



# Verify your solutions

- ✦ Once you finish each assignment run the test to see if it passes
- ✦ The command is: `rspec spec/#{name-of-the-assignment}_spec.rb`
- ✦ So for the `call_kids.rb` assignment, the command to run the tests is `rspec spec/call_kids_spec.rb`
- ✦ If a test isn't passing, feel free to check why that isn't so by looking at the command output or by peeking in the spec file

# Push to the remote repository on Github

- ✦ NOTE: I'm not going in depth how to do commits, please consult with already provided online resources.
- ✦ Once you finish each assignment and the tests are passing create a final push to your branch:
- ✦ `git push origin HW1`
- ✦ You don't have to push it only once (i.e. when the whole assignment is over), you can do pushes every time you make any significant progress such as finish an assignments. So ideally would be to have 6 commits or more (additional commits when you refactor your solution and do similar actions).

# Create a pull request

- ✦ Once you have pushed your finished assignments, you will have to create a pull request from your HW1 branch to your master branch
- ✦ Go to Github and position yourself in the HW1 branch
- ✦ If you can't find a way how to go to your branch, the URL should be:  
<https://github.com/InfinumAcademy/academy-#{name}-#{surname}/tree/HW1>
- ✦ Find the little green button on the left and create a pull request - it should point from branch HW1 to master

# Reviewing your pull request

- ✦ if everything is good, we will merge it to the master branch and your work is done (awesome!)
- ✦ if we have some constructive comments about your solution, we will ask you to modify your solution and push again to the HW1 branch again (the pull request will be updated automatically with every commit pushed to the HW1 branch). After you've pushed your changes, just make a comment on Github mentioning us, ( e.g. 'Hey @DamirSvrtan, I've improved my solution!' )