# Joy of Coding AngularJS session

Welcome to the Joy of Coding AngularJS session. We hope you have fun, check the *Usage* section below for installation instructions and instructions on loading the different environments.

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## Usage

### Prerequisites

In order to build, install and develop the application the following dependencies are required:

- Node.js, version 0.8+

All other libraries, tools and packages are installed automatically - see 'Installing dependencies' sections below for more information.

### Installing dependencies

Install the npm packages the application depends on using the following command:

`$ npm install`

This will install the missing NPM packages as specified in npm's `package.json` file. After this script has succesfully been run, you can run the application.

### Running the application

You can start the application like this:

`$ ./script/start-server`

Then navigate your browser to `http://localhost:9001/` to see the GUI application running in your browser.

### Loading an assignment

The session spans a total of eight assignments, each showing a different part of the Angular framework.

In this repository, we've created a branch for each of these assignments. The branch is the starting point of the assignment. The table below lists the different assignments and their corresponding branches:

| # | Assignment | Branch name |
|---|---|---|
| 1 | Your first application | `assignment1-your-first` |
| 2 | Scopes | `assignment2-scopes` |
| 3 | Communicating with APIs | |
| | - Using $http | `assignment3-api` |
| | - Using $resource | `assignment3-step-resource` |
| 4 | Routes | `assignment4-routes` |
| 5 | Filters | `assignment5-filters` |
| 6 | Directives | `assignment6-directives` |
| 7 | Dependency Injection | `assignment7-di` |
| 8 | Wrapping up | `assignment8-wrapping-up` |

You can load a new assignment by checking out the corresponding branch from Git.

Before loading a new assignment, your local changes need to be discarded. Perform the following commands to do this and check out the `assignment1-your-first` branch:

`$ git clean -f . $ git checkout . $ git checkout assignment1-your-first`

# Have fun!