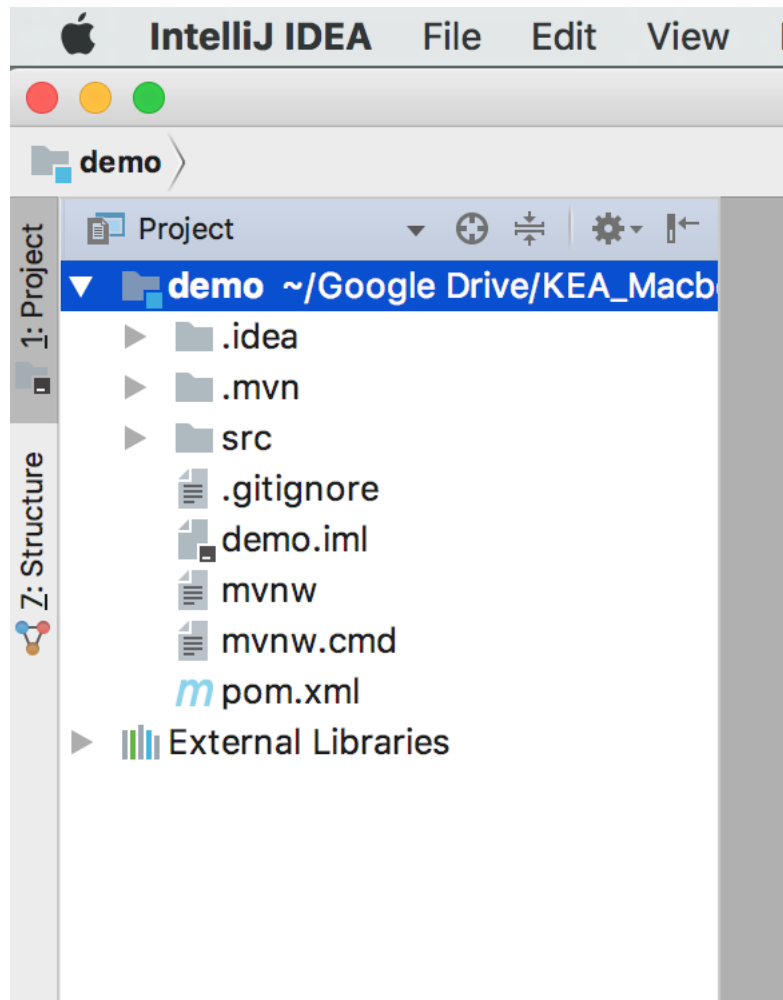# My First Website

After creating an empty new Spring project in IntelliJ through the *Spring Initializer Template*: #3 Hello Spring, you should now create your first *Hello World Website.*

Remember that this is a step by step instruction. It does not explain all the concepts in details. This explanaition you will get from your teacher in class.

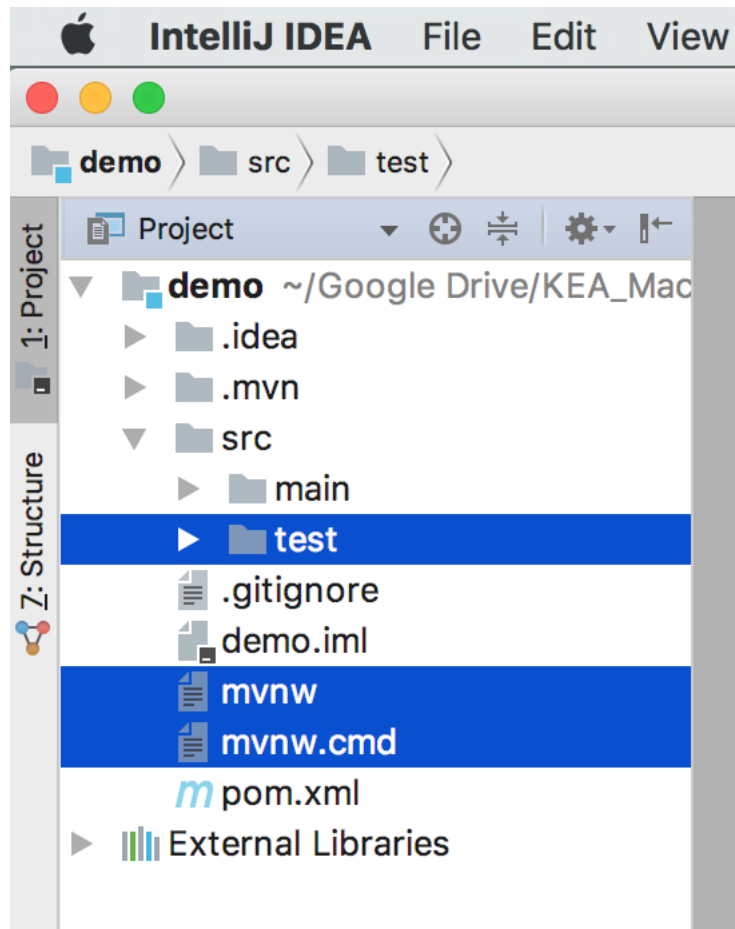You should now have a folder and file structure that looks something like this:

If you open your **src** folder you will see a **main** and a **test** folder.
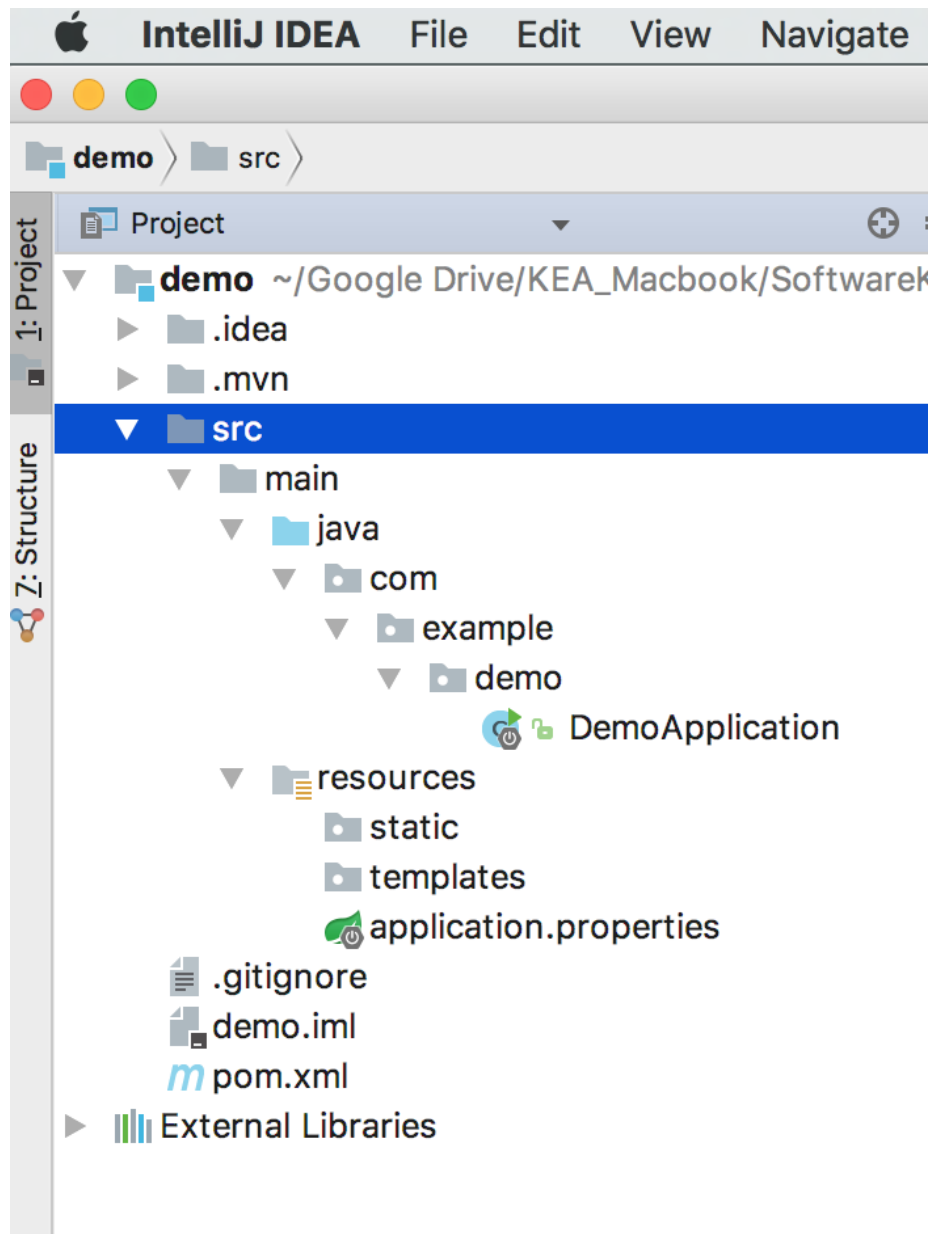Delete the:

- **test** folder

And delete the:

- **mvnw** and the **mvnw.cmd** files.

(you could leave them in the project, but since we are not going to use them we delete them for a better overview)
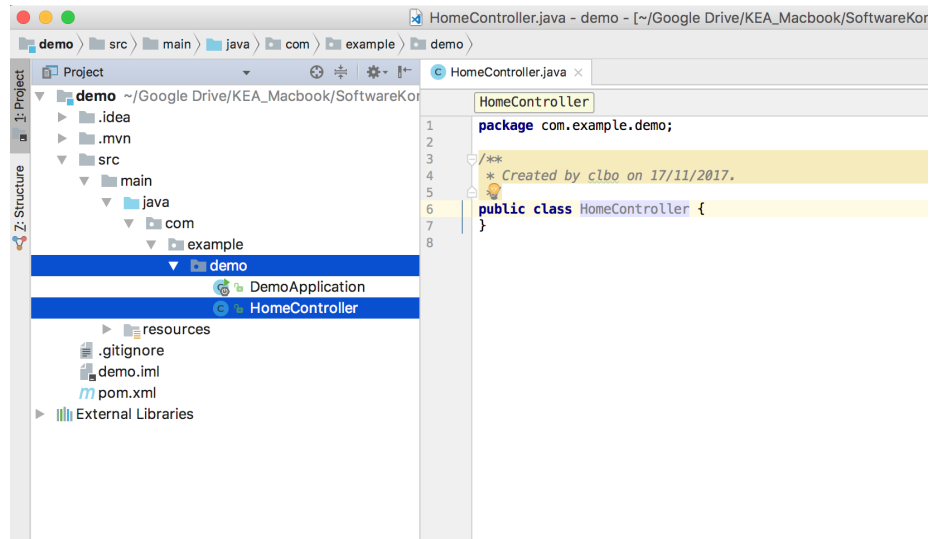

Now you have a project structure that looks like this:

Create a normal java class file

In the demo folder create a class and call it HomeController.java.

- Right click the "demo" folder

- chose: New -> Java Class

- Name: HomeController
- Kind: Class

Create an index method in the class

Create a public method called index with a return type of String, and return the string "index".

Add *@Controller_ above the class definition and* @GetMapping("/")_ above the method definition.
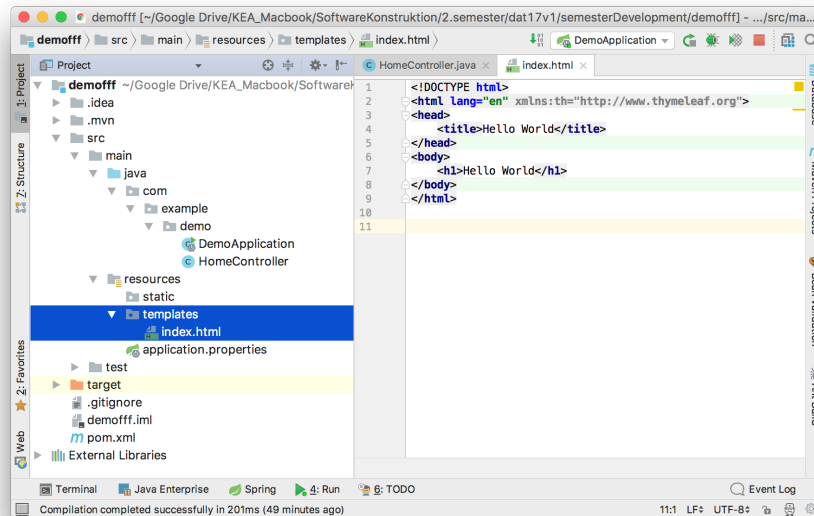
```
@Controller
public class HomeController {

    @GetMapping("/")
    public String index() {
        return "index";
    }
}
```
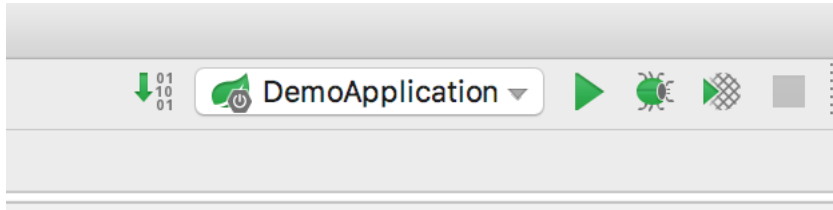
Create an index.html file

- right click *resource -> template* folder
- Choose: *New -> html file*
- Name: index
- Kind: Html 5 file
- Delete the `<meta charset="UTF-8">` tag
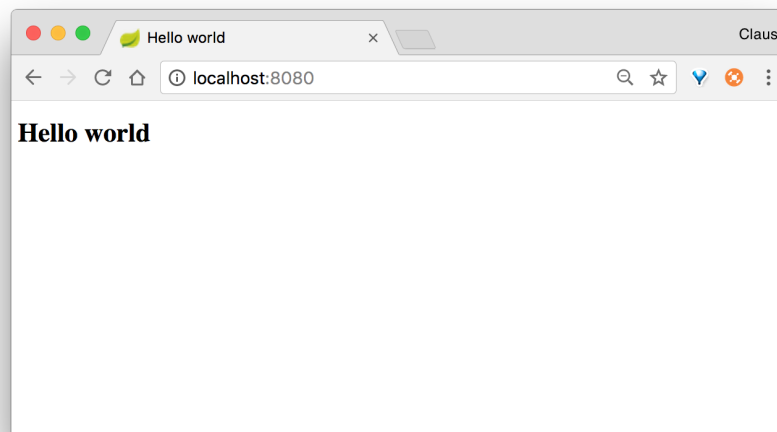- Add `xmlns:th="http://www.thymeleaf.org"` to the `<html lang="en">` tag

Make your code look like the image above. (do your best :))

Run the application

Push the green start button in the upper right corner.

Open your browser and type http://localhost:8080

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