

The following exercises are related to the use of Angular.

1. Create a git repository for your answers to this problem sheet. Push the repository to GitHub. Make a commit and push it to GitHub after each exercise.

**Solution:**

```
mkdir answers-TypeScript
-----
cd answers-TypeScript
-----
echo > README.md
-----
git init
Initialized empty Git repository in /Users/martin/answers-TypeScript/.git/
-----
git add .
-----
git commit -m "Empty first commit."
[master (root-commit) 6583cf6] Empty first commit.
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 README.md
-----

git remote add origin https://github.com/mkenirons/WHATEVER.git
You will need to add the path to your GitHub Repository here
-----
git push -u origin master
Add you file to GitHub (remote repository)
-----
```

2. Create a new Angular application entitled my-first-app.  
Use the following link: <https://cli.angular.io/>

(a) Update index.html as follows:

```
<!doctype html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <title>MyFirstApp</title>
  <base href="/">

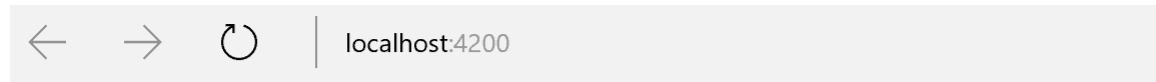
  <meta name="viewport" content="width=device-width, initial-scale=1">
```

```
<link rel="icon" type="image/x-icon" href="favicon.ico">
</head>
<body>

  <h1>Welcome to my first Angular app</h1>
  <root-directive></root-directive>

</body>
</html>
```

and get the application to run. It should return:



## Welcome to my first Angular app

This file is app.component.html  
Name = Martin, age = 22

### Solution:

```
npm install -g @angular/cli
ng new my-first-app
cd my-first-app
ng serve
```

3. Create a new Angular application entitled app-two-components.

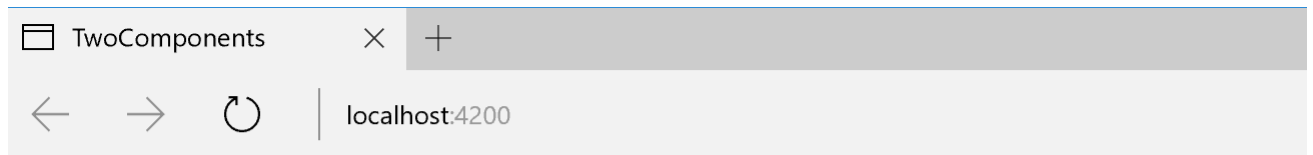
(a) Generate two new components:

- i. One called componenta
- ii. One called componentb

(b) Update app.component.html as follows:

```
<h2>This is app.component.html</h2>
<hr>
<app-componenta></app-componenta>
<hr>
<app-componentb></app-componentb>
```

(c) Your Application should look like:



## Welcome to my multiple Component App

This file is app.component.html

This is Component A

This is Component B

### Solution:

```
ng generate component componenta  
ng generate component componentb
```