**Angular**

Typescript:

Typescriptlang.org/docs/handb…

* To install globally via npm: (but preferably install locally)

In the Terminal of your file (test.ts) in VS Code:

npm install -g typescript / npm install typescript -g

npm uninstall typescript -g (removes the package)

* To install locally

npm init (to initialize the project first) => package.json is created

npm install typescript => node\_modules is created

in package.json under dependencies: typescript is shown

* To check your version of the installed typesctipt:

tsc --version

* To compile your code: (compilation output is plain JavaScript => test.js)

tsc ./test.ts (typescript compiler on test.ts file)

* When installed locally to get access to tsc you need to use npx instead of npm (which has locally installed typescript that will run it)

npx tsc test.ts

Or use: ./node\_modules/.bin/tsc ./test.ts

Or in package.json scripts: “build”: “tsc test.ts” and then npm run build

* When compiling we can set certain configurations for the output file. Those can be stated in the Terminal command or all in a separate tsc config file

Angular:

Creating a new app

* Install globally via npm

npm install -g @angular/cli => creates ng command that can be used further

ex. ng --version

* Create new project

ng new some-app

cd some-app (enter the directory)

code .(open the app in VS Code)

* Start dev server on port 4200

ng serve / ng s => localhost:4200

* Building the app in production environment

ng build -c production

* Continue: