REACT

#1 - Indecision APP

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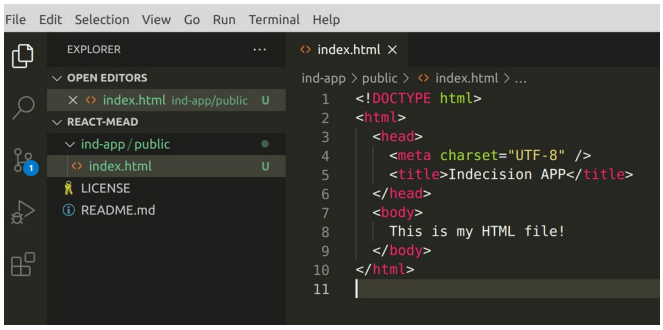
3 Start with REACT

3.1 Basic setup (before REACT) 007

Create a new repository on GitHub. Clone it to a local folder. Create a simple HTML file.

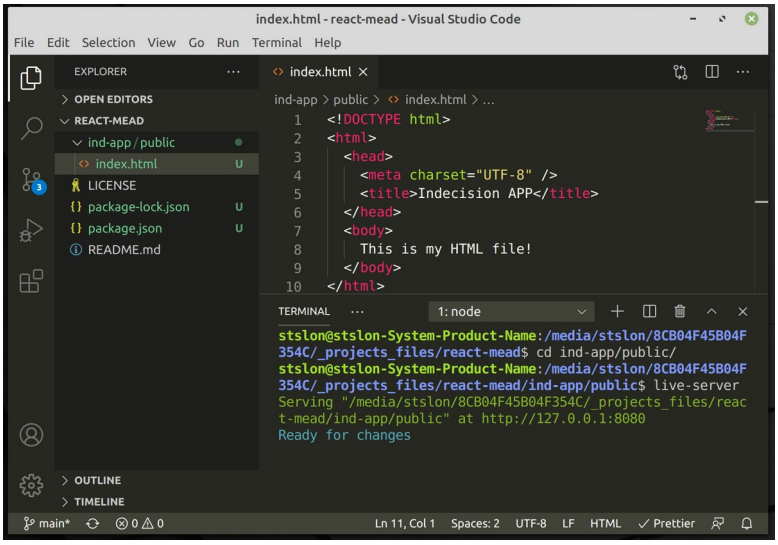


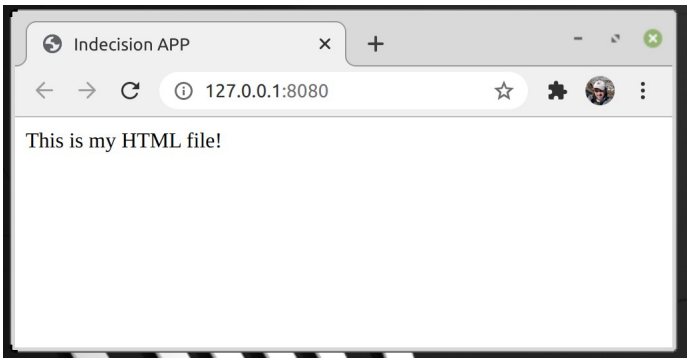
Npm init [CLI=> **npm init -y**]

Install live server [CLI=> **sudo npm install -g live-server**]

Go to a folder ind-app/public [CLI=> **cd ind-app/public**]

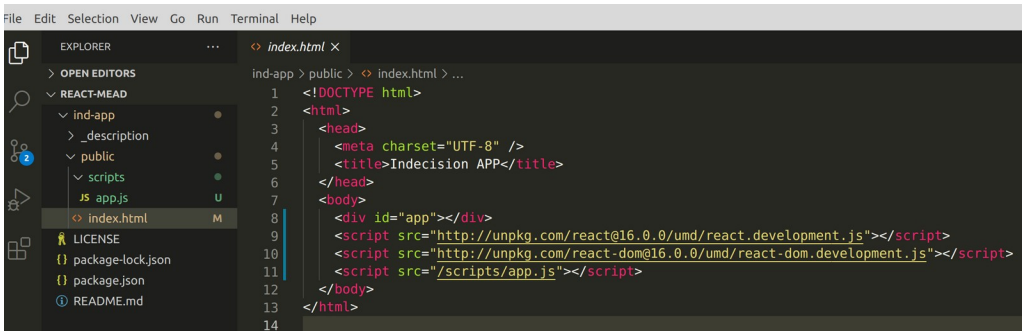
Start a server [CLI=> **live-server**]



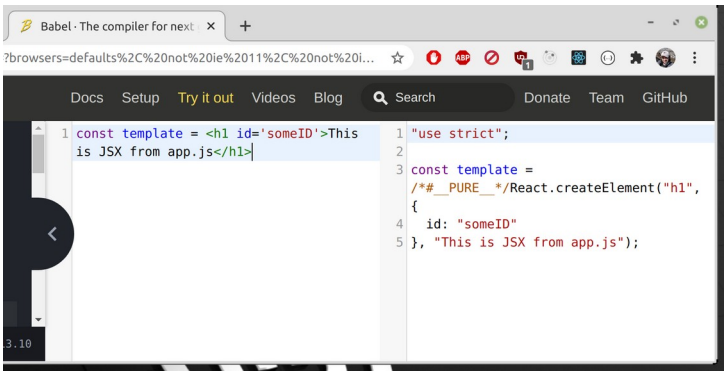


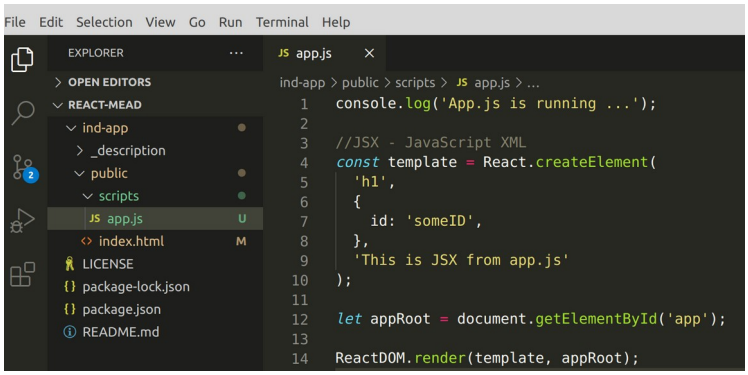
3.2 Create a React APP (scripts) 008

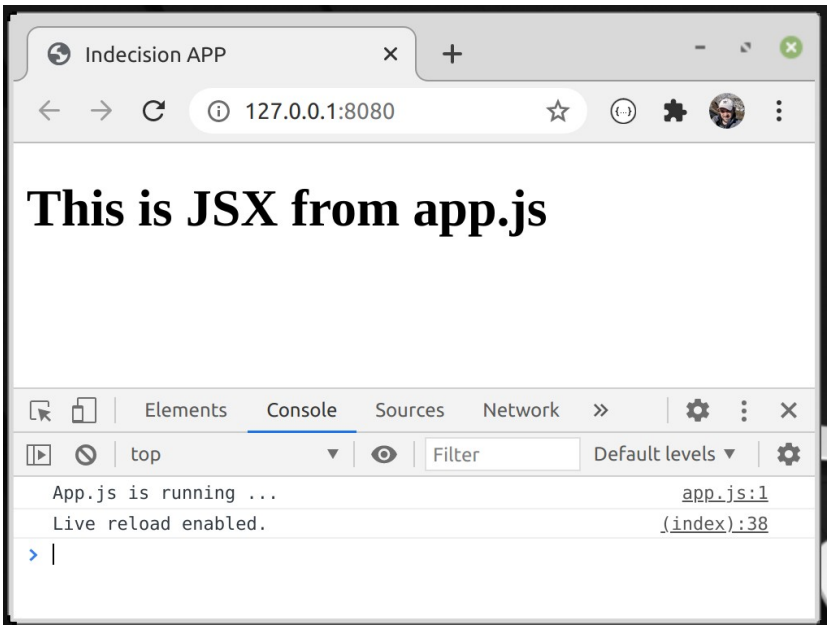
Add div ‘app’ and 3 scripts to index.html and create **public/scripts/app.js**



JSX is a JavaScript XML. BABEL is a JavaScript compiler (it convert modern simple ES6 or ES7 to ES5)







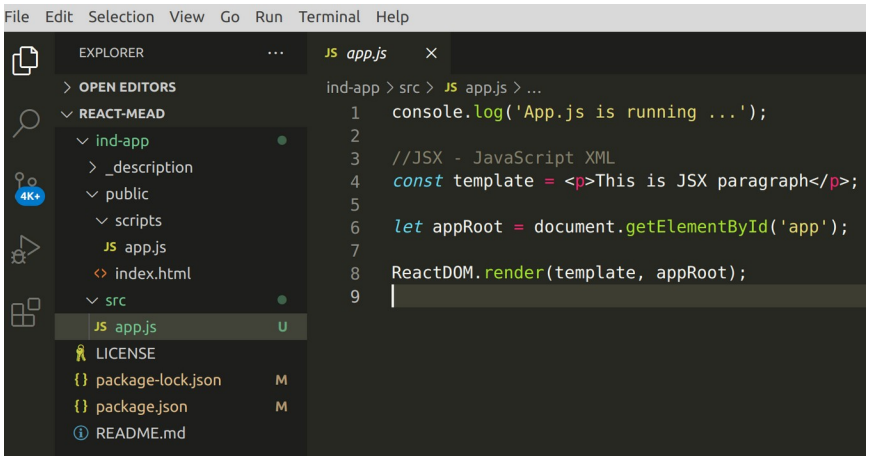
3.3 Using BABEL to compile JSX to ES5 009

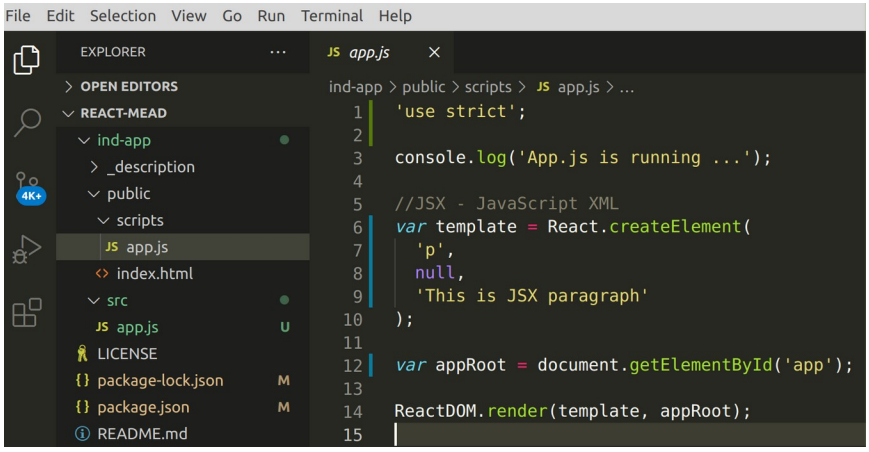
Install babel v.6.24.1 [CLI=> **npm i -g babel-cli@6.24.1**]

Install babel-preset-react v.6.24.1 and babel-preset-env v.1.5.2 [CLI=> **sudo npm i bable-preset-react@6.24.1 babel-preset-env@1.5.2**]

Now we are able to use JSX.

Create a file **src/app.js** with JSX



USE BABEL with CLI: [CLI=> **babel src/app.js --out-file=public/scripts/app.js –presets=env,react --watch**]

This command will create **public/scripts/app.js** with ES5 syntax of **src/app.js** and will track all the changes on **src/app.js** and immediately change **public/scripts/app.js**