**Exercise07\_01\_01 – Step 1**

Terminal Exercise07\_01\_01

npm init

package name: fullstack

description: React.js Full Stack

entry point: index.js

author: Yourself

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Terminal Exercise07\_01\_01

npm install express –save

npm install mongodb -save

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Terminal Exercise07\_01\_01

npm install react react-dom –save

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Terminal Exercise07\_01\_01

npm install @babel/core @babel/node-@babel/preset-env –save-dev

npm install @babel/preset-react–save-dev

npm install react @babel/plugin-proposal-class-properties–save-  
 dev  
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Terminal Exercise07\_01\_01

npm install nodemon -save-dev

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Terminal Exercise07\_01\_01

npm install eslint –save-dev

npm install eslint-plugin-react –save-dev

npm install babel-eslint –save-dev

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package.json

"scripts": {

"start": "nodemon --exec babel-node server.js --ignore   
 public/",

},

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package.json

"dev": "webpack -wd"

**Exercise07\_01\_01 – Step 2**

config.js

const env = process.env;

export const nodeEnv = env.NODE\_ENV || 'development';

export const logStars = function(message) {

console.info('\*\*\*\*\*\*\*\*\*\*');

console.info(message);

console.info('\*\*\*\*\*\*\*\*\*\*');

};

export default {

port: env.PORT || 8080

};

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server.js

import config from './config';

const express = require('express');

const server = express();

server.listen(config.port, () => {

console.info('Server listening on port: %s', config.port);

});

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server.js

server.get('/', (req, res) => {

res.send("Hello from the server!");

});

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server.js

server.get('/about.html', (req, res) => {

res.send("This is the about page!");

});

about.html

<!doctype html>

<html>

<head>

<title>About This Project</title>

<meta charset="UTF-8">

<meta name="viewport" content="initial-scale=1.0">

</head>

<body>

<h1>About This Project</h1>

<p>This is the About page of the project</p>

</body>

</html>

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server.js

const server = express();

const fs = require('fs');

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server.js

server.get('/about.html', (req, res) => {

fs.readFile('./about.html', (err, data) => {

res.send(data.toString());

});

});

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server.js

server.use(express.static('public'));

server.listen(config.port, () => {

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api/index.js

const express = require('express');

const router = express.Router();

router.get('/', (req, res) => {

res.send({ data: [] });

});

export default router;

server.js

import config from './config';

import apiRouter from './api';

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server.js

server.use('/api', apiRouter);  
server.use(express.static('public'));

**Exercise07\_01\_01 – Step 3**

Terminal Exercise07\_01\_01

npm install ejs -save

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server.js

const server = express();

server.set('view engine', 'ejs');

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views/index.ejs

<!doctype html>

<html>

<head>

<title>Naming Contests</title>

<meta charset="UTF-8">

<meta name="viewport" content="initial-scale=1.0">

</head>

<body>

<body>

</html>

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views/index.ejs

<body>

<%= Math.random() %>

<body>

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server.js

server.get('/', (req, res) => {

res.render('index');

});

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server.js

server.get('/', (req, res) => {

res.render('index', {

content: “Hello Express and EJS!”

});

});

server.js

<body>

<%= content %>

<body>

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server.js

res.render('index', {

content: 'Hello Express and <em>EJS</em>!'

});

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server.js

<body>

<%- content %>

<body>

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views/header.ejs

<!doctype html>

<html>

<head>

<title>Hello EJS</title>

<meta charset="UTF-8">

<meta name="viewport" content="initial-scale=1.0">

</head>

<body>

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views/index.ejs

<%- include('header') %>

<%- content %>

<body>

</html>

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views/footer.ejs

</body>

</html>

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views/index.ejs

<%- include('footer') %>

views/header.ejs

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css" integrity="sha384-BVYiiSIFeK1dGmJRAkycuHAHRg32OmUcww7on3RYdg4Va+PmSTsz/K68vbdEjh4u" crossorigin="anonymous">

</head>

<body class="container">