



Fullstack Developer Program Introduction to ExpressJS

Instruction:

For submission,

1. Submit this file in PDF format.
2. Upload your source code to Talentlabs Classroom. Please don't include the node_modules folder.
3. There will be 2 submission files: code.zip and assignment.pdf

Task 1 Express Application Generator:

Steps:

1. Execute the command: **npx express-generator --ejs express-lab-1**
2. Change directory into that new folder: **cd express-lab-1**
3. Install all npm packages: **npm install**
4. Start the server
 - Windows PowerShell:
\$env:DEBUG='express-lab-1:*'; npm start
 - Windows Command Prompt:
set DEBUG=express-lab-1:* & npm start
 - MacOS or Linux:
SET DEBUG=express-lab-1:* & npm start

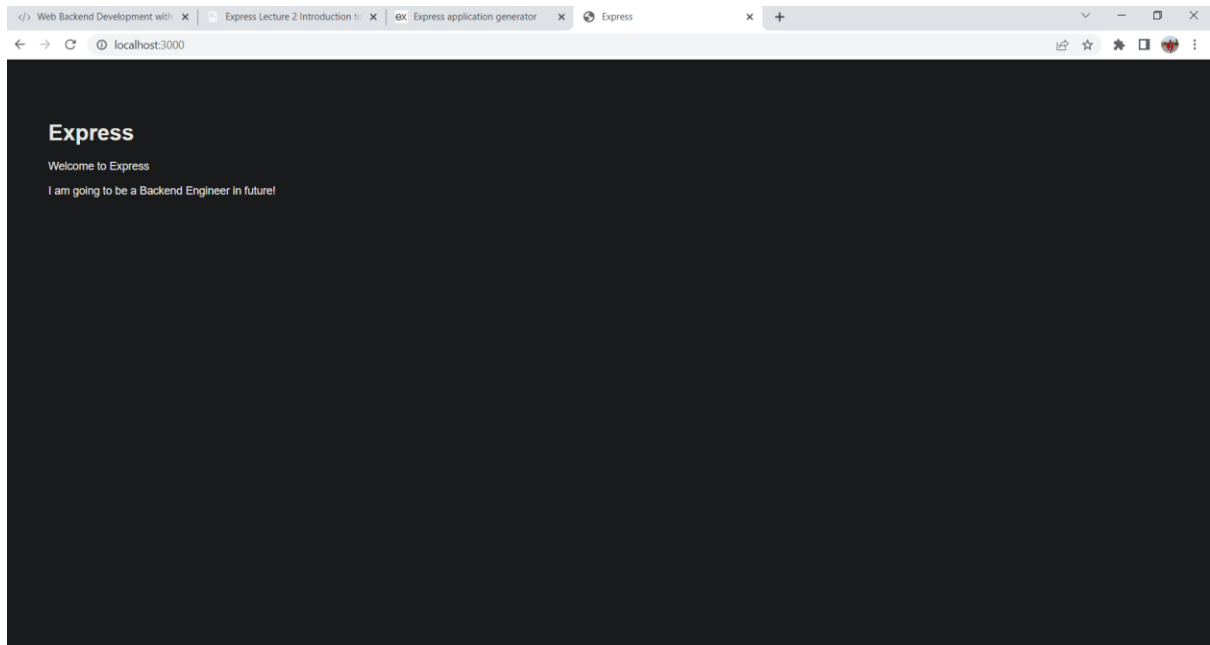
Task 2 Template File:

Try to update /views/index.pug, and show the screenshot here. (It should update the content of the indexpage)

```
EXPLORER
...
EXPRES...
  bin
  node_modules
  public
  routes
  views
    error.pug
    index.pug
    layout.pug
  app.js
  package-lock.json
  package.json

views > index.pug
1 extends layout
2
3 block content
4 | hi= title
5 | p Welcome to #{title}
6 | p I am going to be a Backend Engineer in future!
7
```

</talentlabs>



Task 2 Template Rendering Context:

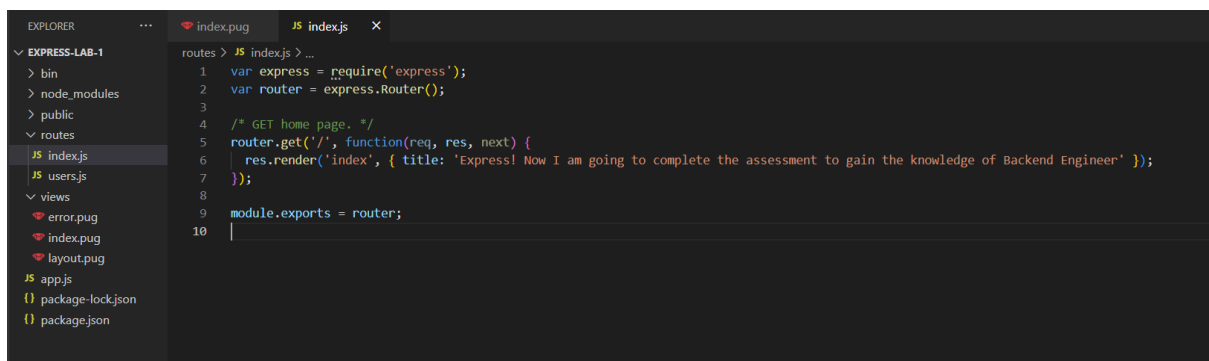
Remember that we have the rendering context in the route files. It is the value to replace the placeholder of a view file.

Originally it should look like this:

```
{ title: 'Express' }
```

Let's try to update the rendering context of the index page to see if you can make a difference to the index page. For example **{ title: "HI~~"}**

show the screenshot here:



```
routes > JS index.js > ...
1  var express = require('express');
2  var router = express.Router();
3
4  /* GET home page. */
5  router.get('/', function(req, res, next) {
6    res.render('index', { title: 'Express! Now I am going to complete the assessment to gain the knowledge of Backend Engineer' });
7  });
8
9  module.exports = router;
10 |
```

