

# Fullstack Developer Program Server-side Rendering

#### Instruction:

#### For submission,

1. Upload your source code in a zip file to Talentlabs Classroom. Please don't include the node modules folder.

## Task 1 Express Application Generator:

#### Steps:

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

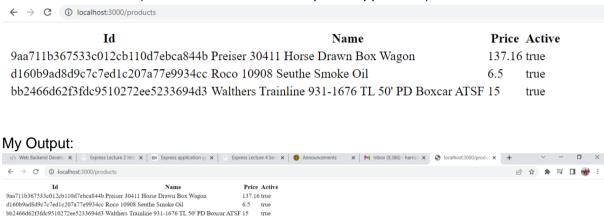
## </talentlabs>

#### Task 2 Reproduce the Example Application

Follow the steps shown in Slide 18 to Slide 20.

- 1. Hard code the data to /routes/index.js
- 2. Create a route "/products" in /routes/index.js
- 3. Create a template "products.ejs" under views

You should see this: (You need to restart the Express Application)



### Task 3 Understand Placeholder Rendering

Add a "madeln" value in the products array and update the template to **show a new "Made In" Column**: (You need to restart the Express Application)



#### Hints:

- 1. First update the value in the hard coded products array in /routes/index.js
  - 2. Then update the HTML template to add a new HTML column to the HTML table.

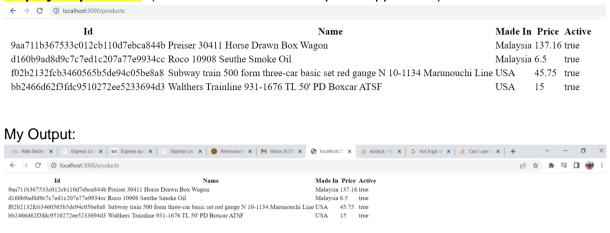
#### My Output:





## Task 4 Understand Conditional Rendering

Based on the existing EJS code in the index.ejs. Update the value inthe products array to display all products: (You need to restart the Express Application)



## Task 4 Understand Array Rendering

Based on the existing EJS code in the index.ejs. Update the value inthe products array to add more products to this Application. (You need to restart the Express Application)

