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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.
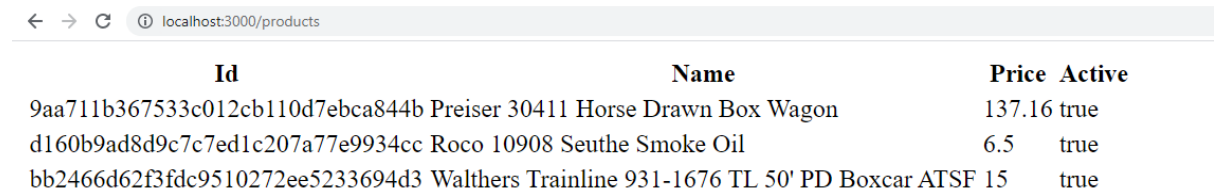
Task 1 Express Application Generator:

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

Task 2 Reproduce the Example Application
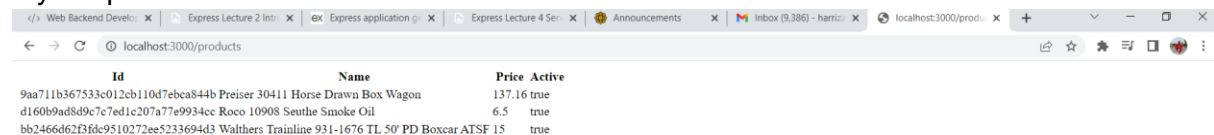
Follow the steps shown in Slide 18 to Slide 20.

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)

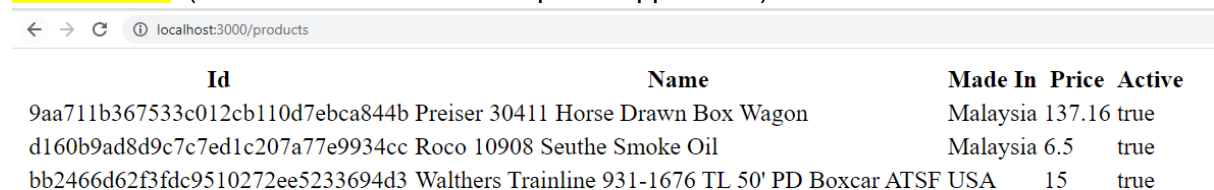| Id	Name	Price	Active
9aa711b367533c012cb110d7ebca844b	Preiser 30411 Horse Drawn Box Wagon	137.16	true
d160b9ad8d9c7c7ed1c207a77e9934cc	Roco 10908 Seuthe Smoke Oil	6.5	true
bb2466d62f3fdc9510272ee5233694d3	Walthers Trainline 931-1676 TL 50' PD Boxcar ATSF	15	true

My Output:

Task 3 Understand Placeholder Rendering

Add a "madeIn" value in the products array and update the template to **show a new "Made In" Column**: (You need to restart the Express Application)
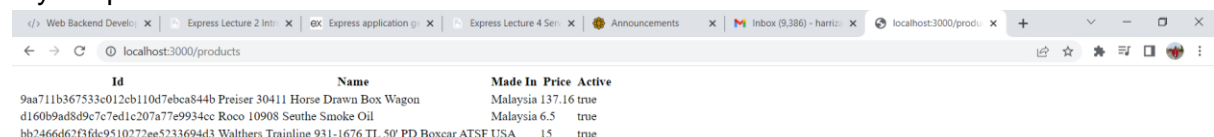
Id	Name	Made In	Price	Active
9aa711b367533c012cb110d7ebca844b	Preiser 30411 Horse Drawn Box Wagon	Malaysia	137.16	true
d160b9ad8d9c7c7ed1c207a77e9934cc	Roco 10908 Seuthe Smoke Oil	Malaysia	6.5	true
bb2466d62f3fdc9510272ee5233694d3	Walthers Trainline 931-1676 TL 50' PD Boxcar ATSF	USA	15	true

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:

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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)

Id	Name	Made In	Price	Active
9aa711b367533c012cb110d7ebca844b	Preiser 30411 Horse Drawn Box Wagon	Malaysia	137.16	true
d160b9ad8d9c7c7ed1c207a77e9934cc	Roco 10908 Seuthe Smoke Oil	Malaysia	6.5	true
f02b2132fcb3460565b5de94c05be8a8	Subway train 500 form three-car basic set red gauge N 10-1134 Marunouchi Line	USA	45.75	true
bb2466d62f3fdc9510272ee5233694d3	Walthers Trainline 931-1676 TL 50' PD Boxcar ATSF	USA	15	true

My Output:

Id	Name	Made In	Price	Active
9aa711b367533c012cb110d7ebca844b	Preiser 30411 Horse Drawn Box Wagon	Malaysia	137.16	true
d160b9ad8d9c7c7ed1c207a77e9934cc	Roco 10908 Seuthe Smoke Oil	Malaysia	6.5	true
bb2466d62f3fdc9510272ee5233694d3	Walthers Trainline 931-1676 TL 50' PD Boxcar ATSF	USA	15	true

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)

My Output:

Id	Name	Made In	Price	Active
9aa711b367533c012cb110d7ebca844b	Preiser 30411 Horse Drawn Box Wagon	Malaysia	137.16	true
d160b9ad8d9c7c7ed1c207a77e9934cc	Roco 10908 Seuthe Smoke Oil	Malaysia	6.5	true
bb2466d62f3fdc9510272ee5233694d3	Walthers Trainline 931-1676 TL 50' PD Boxcar ATSF	USA	15	true
hjavdahd233423jhabdabdb12bdha	Lavender Haze	USA	40	true