

## Lab triggers

The screenshot shows a VS Code editor with a project named 'Node\_JS\_LAB'. The Explorer sidebar on the left shows the file structure: 'node\_modules', 'index.js', 'login.html', 'package-lock.json', and 'package.json'. The main editor area displays the content of 'index.js', which is a Node.js application using Express.js. The code includes imports for 'express' and 'mysql', an instance of the Express app, and routes for a home page (xyz) and a login page. The app is configured to listen on port 8080. The bottom panel shows the 'TERMINAL' tab with the output of running 'node index.js'. It shows the application starting on port 8080 and listening for connections.

```
1 const express = require('express');// used for routing
2
3 //var mysql = require('mysql');
4
5 const app = express();// instance of server is created
6 const port = 8080;//run on this port
7 const path = require('path');
8 app.listen(port, function(){ // connecting to a server
9   console.log('Listening on port ${port}...');
10 });
11 app.get('/xyz', function(req, res) {
12   res.send('abyuhcihijnm');
13 });
14 app.get('/login', function(req, res) {
15   res.sendFile(path.join(__dirname, 'login.html'));
16 });
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS SQL CONSOLE POLYGLOT NOTEBOOK

```
at node:internal/main/run_main_module:23:47 {
  code: 'MODULE_NOT_FOUND',
  requireStack: []
}

Node.js v18.17.1
PS D:\4th semester\DBSM lab\Node_JS_LAB> node index.js
Listening on port 8080...
PS D:\4th semester\DBSM lab\Node_JS_LAB> node index.js
Listening on port 8080...
```

<html lang="en">

<body>

<form action="/submit\_product" method="post">

<!-- Category -->

<label for="category">Category:</label>

<select id="category" name="category">

<option value="electronics">Electronics</option>

<option value="apparel">Apparel</option>

<option value="books">Books</option>

<option value="furniture">Furniture</option>

<option value="other">Other</option>

</select><br>

<!-- MSRP -->

<label for="msrp">MSRP:</label>

<input type="number" id="msrp" name="msrp" step="0.01"><br>

<!-- Submit Button -->

<button type="submit">Submit</button>

</form>

</body>

</html>

| Result Grid        |                |             |             |               |                                    |                 |          |        |  |
|--------------------|----------------|-------------|-------------|---------------|------------------------------------|-----------------|----------|--------|--|
| Filter Rows:       |                |             |             |               |                                    |                 |          |        |  |
| Edit:              |                |             |             |               |                                    |                 |          |        |  |
| Export/Import:     |                |             |             |               |                                    |                 |          |        |  |
| Wrap Cell Content: |                |             |             |               |                                    |                 |          |        |  |
| productCode        | productName    | productLine | productSale | productVendor | productDescription                 | quantityInStock | buyPrice | MSRP   |  |
| P001               | Sample Product | Electronics | Discount    | Vendor A      | A high-quality electronic product. | 100             | 49.99    | 555.00 |  |
| NULL               | NULL           | NULL        | NULL        | NULL          | NULL                               | NULL            | NULL     | NULL   |  |

# Product Entry Form

Product Name: 

eofaegg

Product Description:

Price:

Quantity:

Category: 

Electronics

MSRP:

Submit