

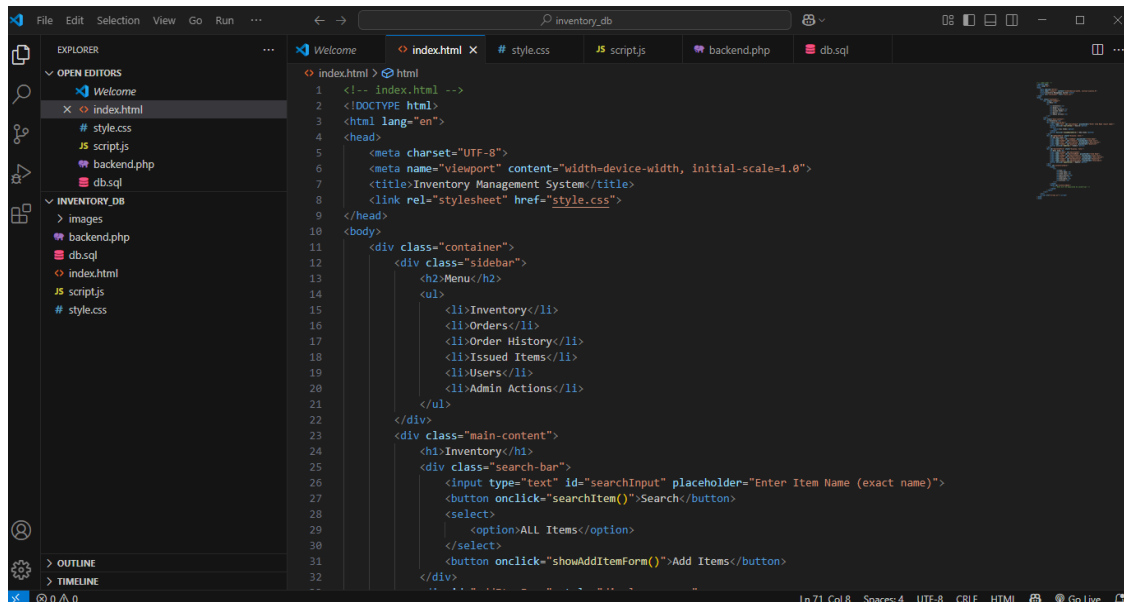
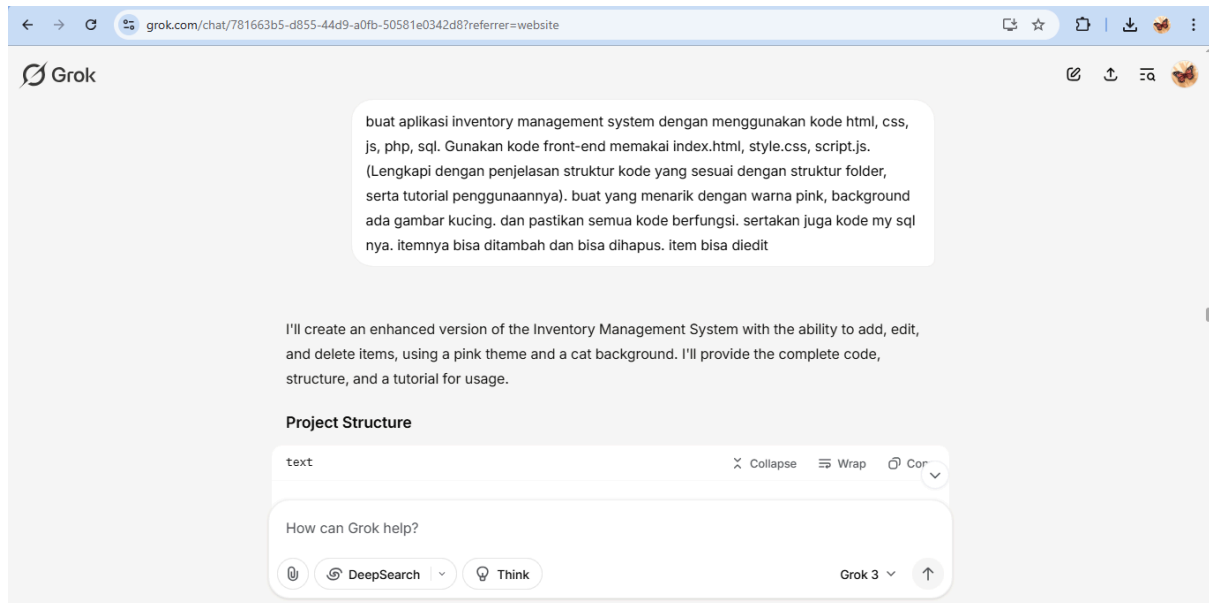
PERTEMUAN 5

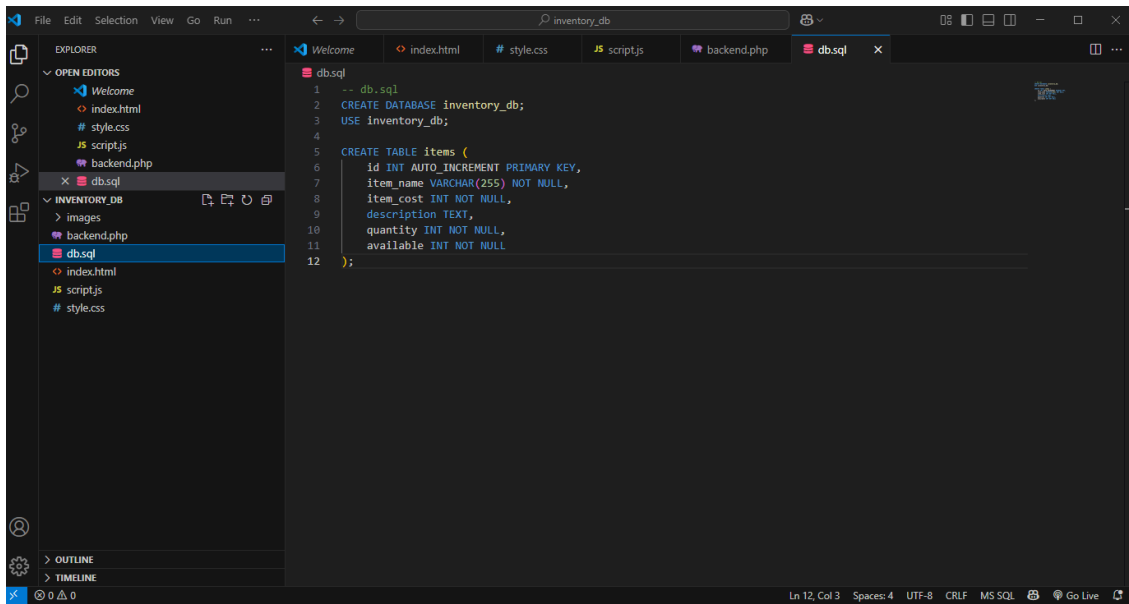
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NIM : 12030123130112

Membuat Aplikasi Inventory Management

AI yang digunakan : Grok

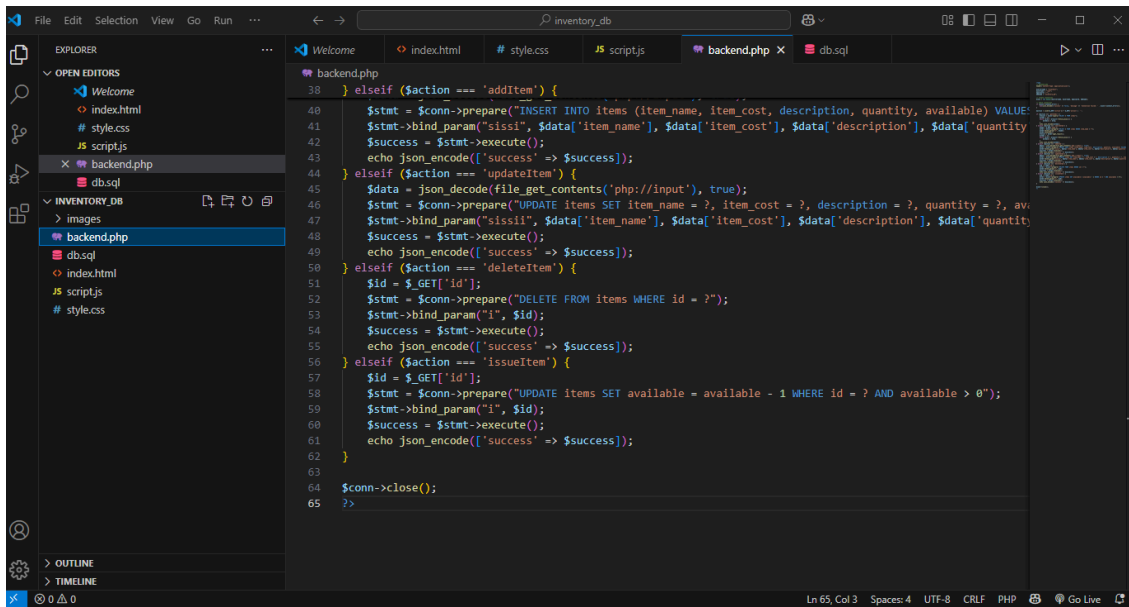




This screenshot shows the Visual Studio Code interface with the `db.sql` file open in the editor. The Explorer sidebar on the left shows the project structure, including `inventory_db` and its subfolders `images`, `backend.php`, `db.sql`, `index.html`, `script.js`, and `style.css`. The editor displays the following SQL code:

```
1 -- db.sql
2 CREATE DATABASE inventory_db;
3 USE inventory_db;
4
5 CREATE TABLE items (
6     id INT AUTO_INCREMENT PRIMARY KEY,
7     item_name VARCHAR(255) NOT NULL,
8     item_cost INT NOT NULL,
9     description TEXT,
10    quantity INT NOT NULL,
11    available INT NOT NULL
12 );
```

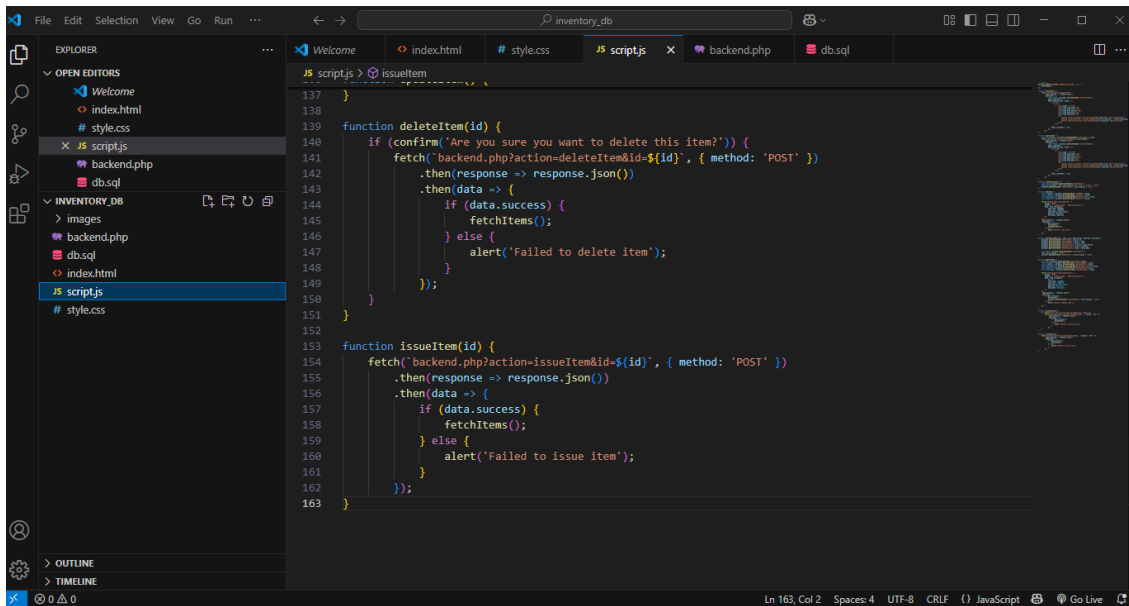
The status bar at the bottom indicates the cursor is at line 12, column 3, with 4 spaces, UTF-8 encoding, CRLF line endings, and MS SQL dialect.



This screenshot shows the Visual Studio Code interface with the `backend.php` file open in the editor. The Explorer sidebar on the left shows the project structure. The editor displays the following PHP code:

```
38 } elseif ($action == 'addItem') {
39     $stmt = $conn->prepare("INSERT INTO items (item_name, item_cost, description, quantity, available) VALUES
40     $stmt->bind_param("ssiss", $data['item_name'], $data['item_cost'], $data['description'], $data['quantity
41     $success = $stmt->execute();
42     echo json_encode(['success' => $success]);
43 } elseif ($action == 'updateItem') {
44     $data = json_decode(file_get_contents('php://input'), true);
45     $stmt = $conn->prepare("UPDATE items SET item_name = ?, item_cost = ?, description = ?, quantity = ?, av
46     $stmt->bind_param("ssiss", $data['item_name'], $data['item_cost'], $data['description'], $data['quantit
47     $success = $stmt->execute();
48     echo json_encode(['success' => $success]);
49 } elseif ($action == 'deleteItem') {
50     $id = $_GET['id'];
51     $stmt = $conn->prepare("DELETE FROM items WHERE id = ?");
52     $stmt->bind_param("i", $id);
53     $success = $stmt->execute();
54     echo json_encode(['success' => $success]);
55 } elseif ($action == 'issueItem') {
56     $id = $_GET['id'];
57     $stmt = $conn->prepare("UPDATE items SET available = available - 1 WHERE id = ? AND available > 0");
58     $stmt->bind_param("i", $id);
59     $success = $stmt->execute();
60     echo json_encode(['success' => $success]);
61 }
62 $conn->close();
63
64
65
```

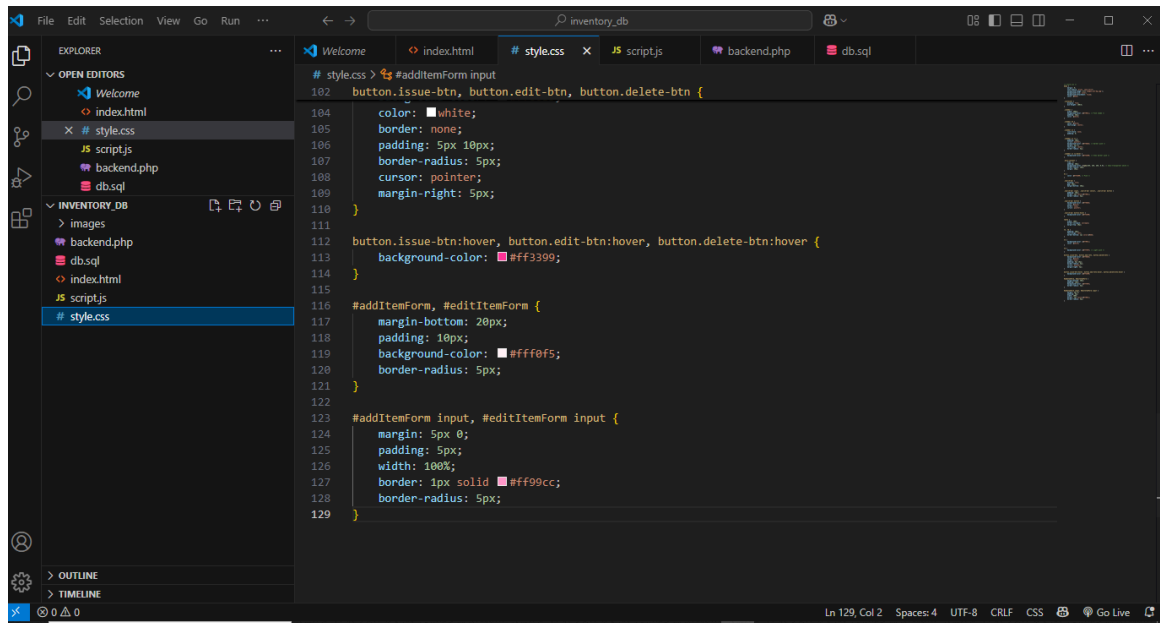
The status bar at the bottom indicates the cursor is at line 65, column 3, with 4 spaces, UTF-8 encoding, CRLF line endings, and PHP dialect.

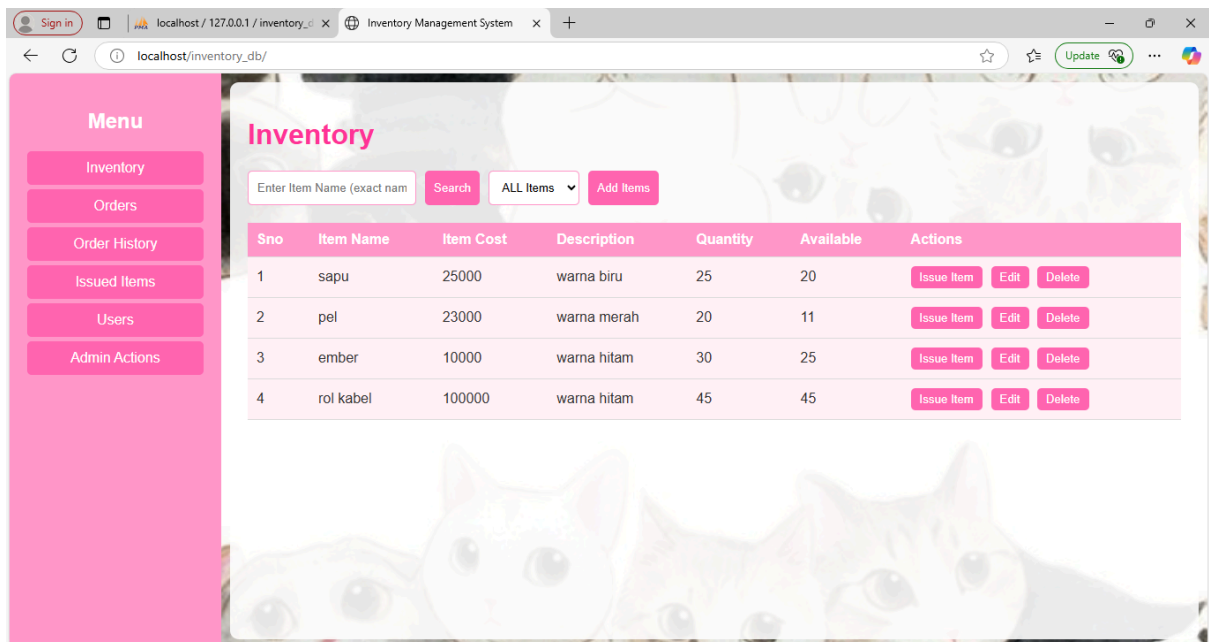
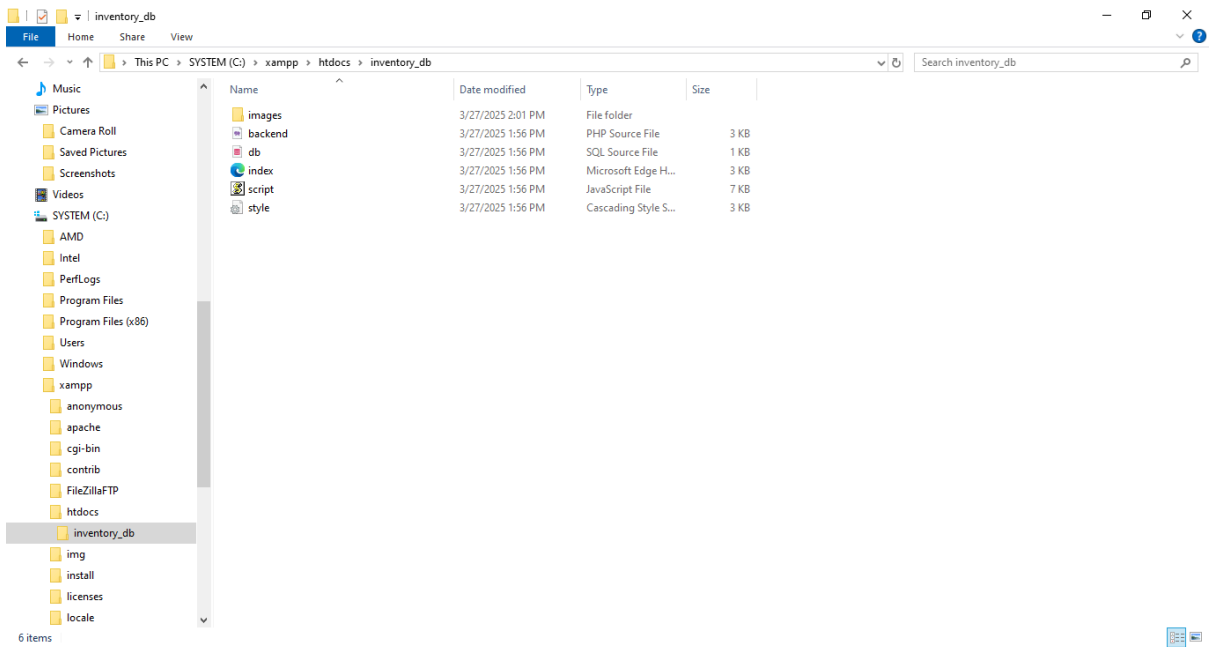
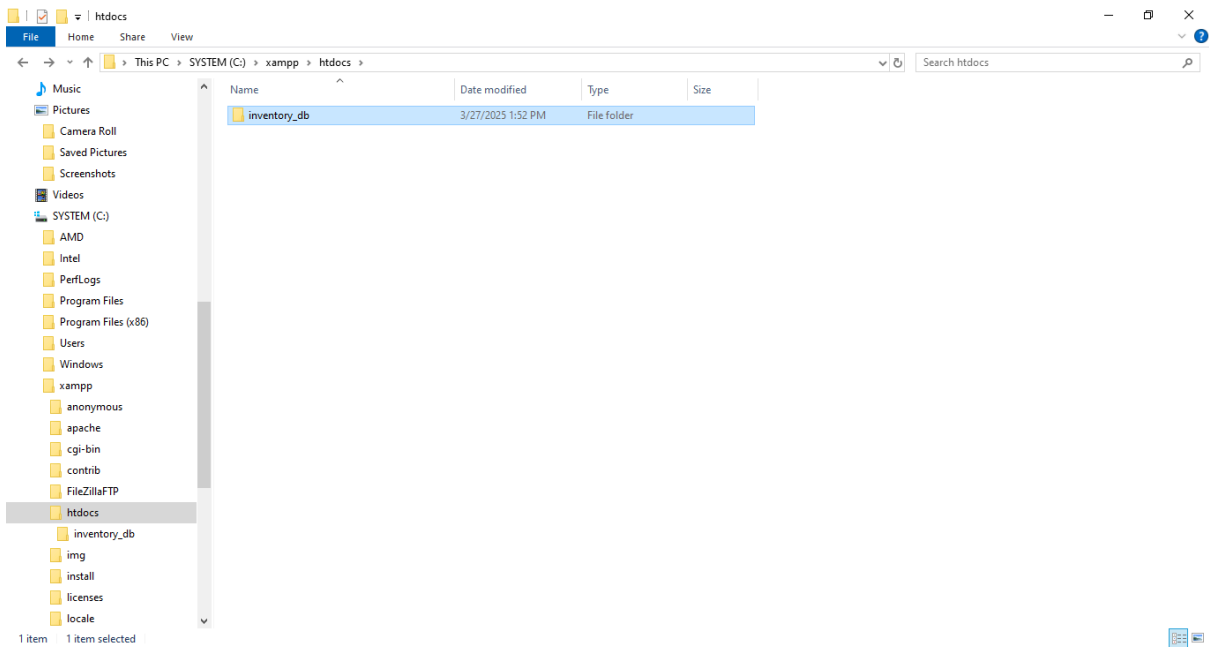


This screenshot shows the Visual Studio Code interface with the `script.js` file open in the editor. The Explorer sidebar on the left shows the project structure. The editor displays the following JavaScript code:

```
137 }
138
139 function deleteItem(id) {
140     if (confirm('Are you sure you want to delete this item?')) {
141         fetch('backend.php?action=deleteItem&id=' + id, { method: 'POST' })
142             .then(response => response.json())
143             .then(data => {
144                 if (data.success) {
145                     fetchItems();
146                 } else {
147                     alert('Failed to delete item');
148                 }
149             });
150     }
151 }
152
153 function issueItem(id) {
154     fetch('backend.php?action=issueItem&id=' + id, { method: 'POST' })
155         .then(response => response.json())
156         .then(data => {
157             if (data.success) {
158                 fetchItems();
159             } else {
160                 alert('Failed to issue item');
161             }
162         });
163 }
```

The status bar at the bottom indicates the cursor is at line 163, column 2, with 4 spaces, UTF-8 encoding, CRLF line endings, and JavaScript dialect.





☐ Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

Extra options

			id	item_name	item_cost	description	quantity	available	
<input type="checkbox"/>				4	sapu	25000	warna biru	25	20
<input type="checkbox"/>				5	pel	23000	warna merah	20	11
<input type="checkbox"/>				6	ember	10000	warna hitam	30	25
<input type="checkbox"/>				7	rol kabel	100000	warna hitam	45	45

☐ Check all With selected: Edit Copy Delete Export

Sign in

localhost / 127.0.0.1 / inventory_db/

Inventory Management System

localhost/inventory_db/

Update

Menu

Inventory

Orders

Order History

Issued Items

Users

Admin Actions

Inventory

Search

ALL Items

Add Items

Add New Item

Item Name

Item Cost

Description

Quantity

Submit

Sno	Item Name	Item Cost	Description	Quantity	Available	Actions
1	sapu	25000	warna biru	25	20	<div>Issue Item</div> <div>Edit</div> <div>Delete</div>
2	pel	23000	warna merah	20	11	<div>Issue Item</div> <div>Edit</div> <div>Delete</div>
3	ember	10000	warna hitam	30	25	<div>Issue Item</div> <div>Edit</div> <div>Delete</div>
4	rol kabel	100000	warna hitam	45	45	<div>Issue Item</div> <div>Edit</div> <div>Delete</div>

Sign in

localhost / 127.0.0.1 / inventory_db/

Inventory Management System

localhost/inventory_db/

Update

Menu

Inventory

Orders

Order History

Issued Items

Users

Admin Actions

Inventory

Search

ALL Items

Add Items

Sno	Item Name	Item Cost	Description	Quantity	Available	Actions
1	sapu	25000	warna biru	25	20	<div>Issue Item</div> <div>Edit</div> <div>Delete</div>
2	pel	23000	warna merah	20	11	<div>Issue Item</div> <div>Edit</div> <div>Delete</div>
3	ember	10000	warna hitam	30	25	<div>Issue Item</div> <div>Edit</div> <div>Delete</div>
4	rol kabel	100000	warna hitam	45	45	<div>Issue Item</div> <div>Edit</div> <div>Delete</div>
5	setrika	50	warna abu	25	25	<div>Issue Item</div> <div>Edit</div> <div>Delete</div>