

Experiment-1:

ShopCart

[Home](#)[Catalog](#)[Cart](#)[Login](#)[Register](#)

Welcome to ShopCart

Your One-Stop Shopping Destination

Discover amazing products at great prices

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ShopCart

[Home](#)[Catalog](#)[Cart](#)[Login](#)[Register](#)

Login

Email

Password

Login

Don't have an account? [Register here](#)

ShopCart

[Home](#)[Catalog](#)[Cart](#)[Login](#)[Register](#)

Register

Email

Password

Confirm Password

Register

Already have an account? [Login here](#)

Experiment-2:

ShopCart

HomeCatalogCart

LoginRegister

### Our Products

Search products...

Search

Sort by

Electronics

Smartphone

Premium Smartphone

Latest model with advanced features

\$999.99

Add to Cart

Laptop

Gaming Laptop

Powerful gaming performance

\$1,499.99

Add to Cart

Tablet

2-in-1 Tablet

Versatile tablet with detachable keyboard

\$799.99

Add to Cart

Appliances

Smart TV

Smart TV 55"

4K Ultra HD with Smart features

\$1,299.99

Add to Cart

Refrigerator

Smart Refrigerator

Dual door with smart features

\$1,999.99

Add to Cart

Washing Machine

Front Load Washer

Energy efficient with multiple programs

\$899.99

Add to Cart

Fashion

Smart Watch

Smart Watch

Fitness tracking and notifications

\$299.99

Add to Cart

Headphones

Wireless Headphones

Noise cancelling with long battery life

\$199.99

Add to Cart

Camera

Digital Camera

Professional-grade camera with 4K video

\$799.99

Add to Cart

ShopCart

HomeCatalogCart

LoginRegister

Shopping Cart

Cart Items

Order Summary

Subtotal:

\$0.00

Tax (10%):

\$0.00

Total:

\$0.00

Proceed to Checkout

Experiment-3:

ShopCart

HomeCatalogCart

Login

Email address

Password

☐ Remember me

Login

[Don't have an account? Register here](#)

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## Experiment-4:

### Weather Dashboard

Hyderabad Search

#### Weather in Hyderabad

 **29°C**

overcast clouds

 58%  8 km/h

## Experiment-5:

```
mysql> CREATE DATABASE shoppingdb;
Query OK, 1 row affected (0.03 sec)

mysql>
mysql> USE shoppingdb;
Database changed
mysql>
mysql> CREATE TABLE products (
->   id INT AUTO_INCREMENT PRIMARY KEY,
->   name VARCHAR(100) NOT NULL,
->   price DOUBLE NOT NULL,
->   quantity INT NOT NULL
-> );
Query OK, 0 rows affected (0.04 sec)

mysql> show tables;
+-----+
| Tables_in_shoppingdb |
+-----+
| products              |
+-----+
1 row in set (0.04 sec)

mysql> select * from products;
+----+-----+-----+-----+
| id | name  | price | quantity |
+----+-----+-----+-----+
| 1  | mi    | 15000 | 10       |
| 2  | laptop | 50000 | 5        |
+----+-----+-----+-----+
2 rows in set (0.00 sec)

>> javac -cp ".;lib/mysql-connector-j-9.3.0.jar" -d bin src/Main.java
>> java -cp ".;bin;lib/mysql-connector-j-9.3.0.jar" Main
>>

--- Product Management ---
1. Add Product
2. View All Products
3. Update Product
4. Delete Product
5. Exit
Enter choice: 1
Enter product name: phone
Enter price: 10000
Enter quantity: 5
Product added successfully!
```

## Experiment-6:



## Experiment-8:

```
OS Info:
Platform: win32
CPU Architecture: x64
Total Memory: 16760946688
Free Memory: 6635958272
Uptime (seconds): 476743.078
User Info: [Object: null prototype] {
  uid: -1,
  gid: -1,
```

## Experiment-9:

```
Pretty-print ☐
[{"id":1,"name":"Swayam","age":21,"course":"Mathematics"}]
```

## Experiment-10:

```
Pretty-print ☐
[{"id":1,"name":"Swayam","age":21,"course":"Mathematics"}]
```

## Experiment-11:

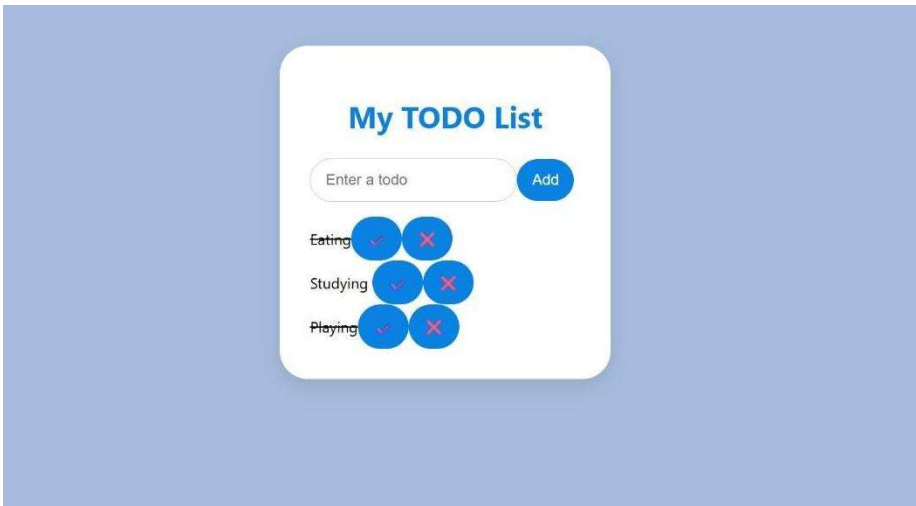
The screenshot shows the 'Student Management System' login interface. At the top, there is a header with a graduation cap icon and the text 'Student Management System'. Below the header is a navigation bar with four buttons: 'Register', 'Login', 'Contact', and 'About'. The main content area is titled 'Login' and contains a form with two input fields: 'Email' and 'Password'. Below the input fields is a blue 'Login' button.

The screenshot shows the 'Student Management System' student registration interface. At the top, there is a header with a graduation cap icon and the text 'Student Management System'. Below the header is a navigation bar with four buttons: 'Register', 'Login', 'Contact', and 'About'. The main content area is titled 'Student Registration' and contains a form with three input fields: 'Name', 'Email', and 'Password'. Below the input fields is a blue 'Register' button.

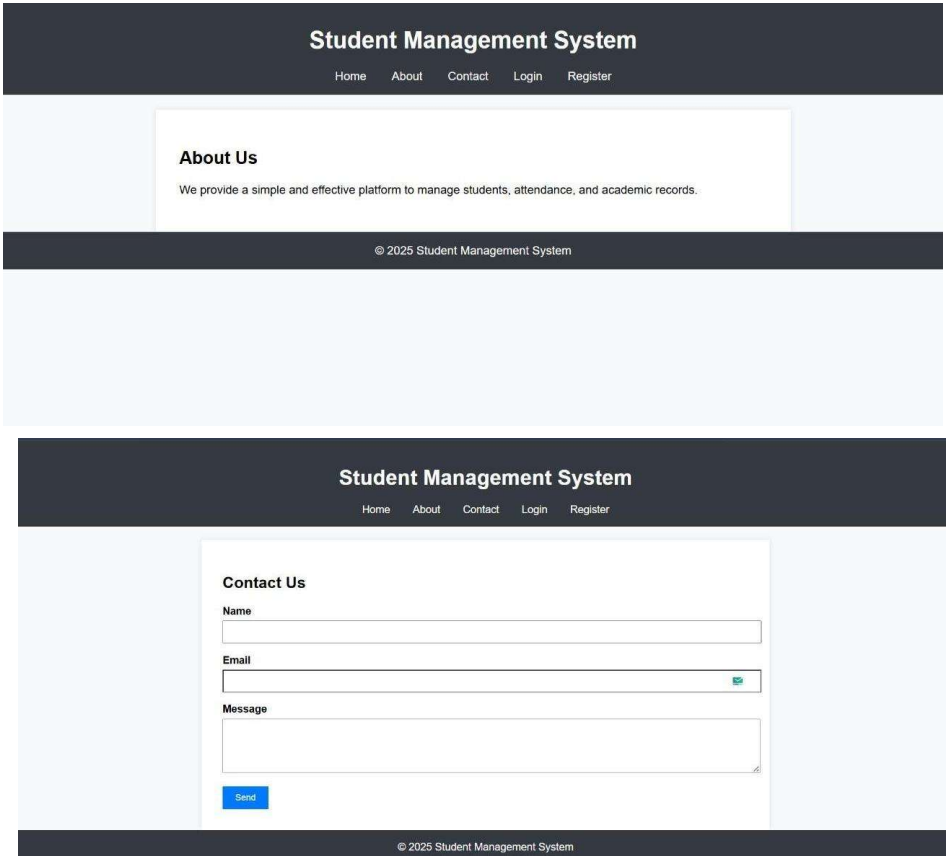
Experiment-12:



Experiment-13:



Experiment-14:



Student Management System

[Home](#)[About](#)[Contact](#)[Login](#)[Register](#)

Login

Username or Email

Password

Login

© 2025 Student Management System

## Experiment-15:

Weather in Delhi

Past 5 Days Temperature

## Experiment-16:

My To-Do List

Title:

Completed: ☐

Add Task

Drink water

✖ Incomplete

Studying

✔ Completed