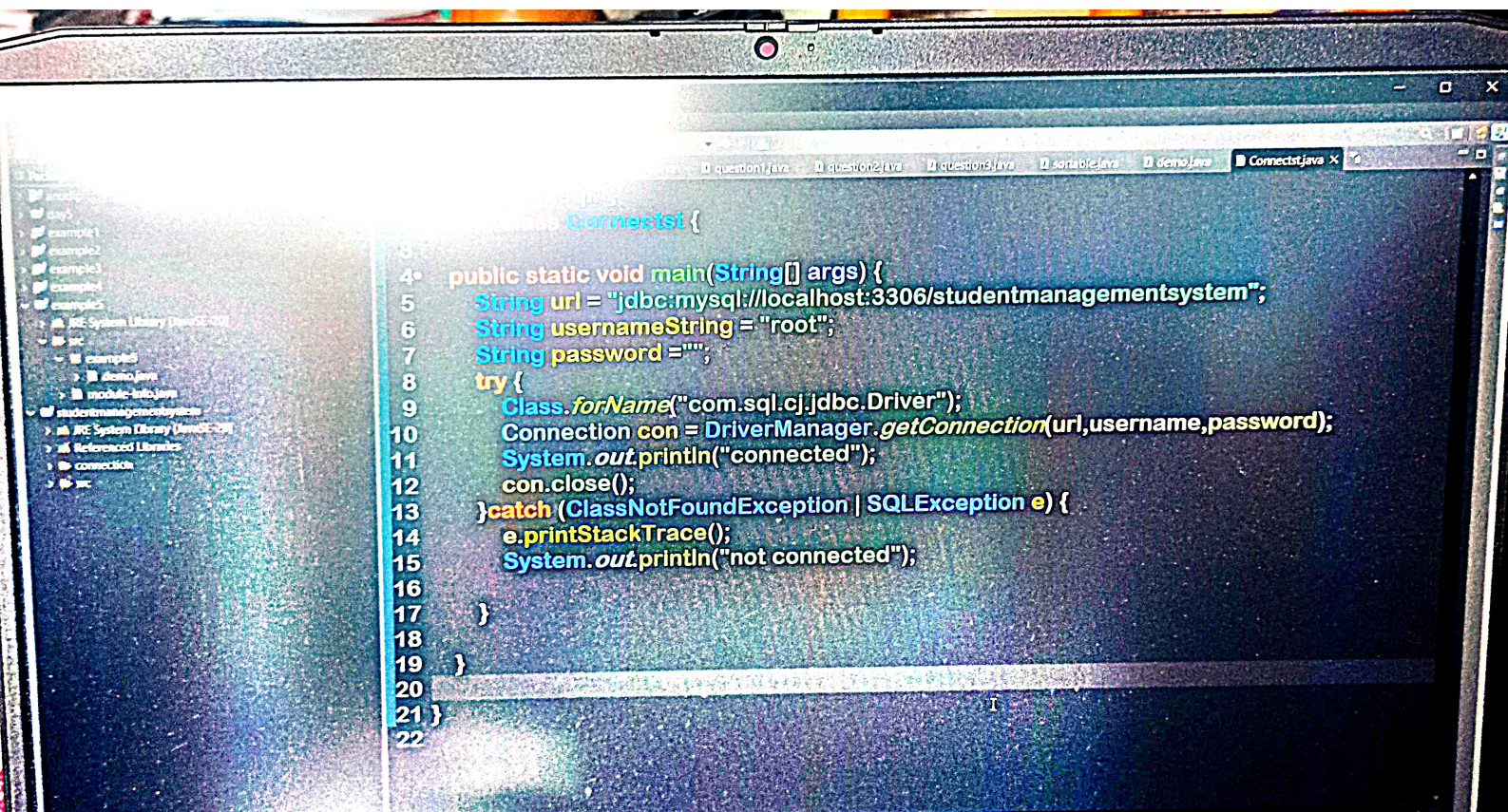


M.SNEHA
CSE



```
3      Connectst {
4      public static void main(String[] args) {
5          String url = "jdbc:mysql://localhost:3306/studentmanagementsystem";
6          String usernameString = "root";
7          String password = "";
8          try {
9              Class.forName("com.mysql.cj.jdbc.Driver");
10             Connection con = DriverManager.getConnection(url, username, password);
11             System.out.println("connected");
12             con.close();
13         } catch (ClassNotFoundException | SQLException e) {
14             e.printStackTrace();
15             System.out.println("not connected");
16         }
17     }
18 }
19 }
20 }
21 }
22 }
```

MySQL Workbench

Local instance MySQL80 (day_1) x

File Edit View Window Help

lab1 student student SQL File 5* course SQL File 9* customers orders

Limit to 1000 rows

1 • SELECT * FROM day6.customers;

SCHEMAS

Filter objects

- day6
 - Tables
 - customers
 - orders
 - Views
 - Stored Procedures
 - Functions
- demo
- learn
- library
- mydb
- pydb
- studentmanagementsystem
 - Tables
 - course

Administration Schemas

Information

No object selected

Result Grid

	customer_id	first_name	last_name
▶ 1	1	John	Doe
▶ 2	2	Jane	Smith
▶ 3	3	Alice	Johnson
•	NULL	NULL	NULL

customers 1 x

Output

Action Output

SQL File 3* lab1 student student SQL File 5* course SQL File 9* customers orders

Limit to 1000 rows

1 • SELECT * FROM day6.orders;

Result Grid

order_id	customer_id	order_date	total_amount
101	1	2024-02-26	150.00
102	2	2024-02-27	200.00
103	1	2024-02-27	100.00
NULL	NULL	NULL	NULL

orders 1 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
3	12:33:27	CREATE TABLE customers (customer_id INT PRIMARY KEY, first_name VARCHAR(50), last_name	0 row(s) affected	0.047 sec
4	12:33:27	CREATE TABLE orders (order_id INT PRIMARY KEY, customer_id INT, order_date DATE, total_	0 row(s) affected	0.031 sec
5	12:33:27	INSERT INTO customers (customer_id, first_name, last_name) VALUES (1, 'John', 'Doe'), (2, 'Jane', 'Smith'), (3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.000 sec
6	12:33:27	INSERT INTO orders (order_id, customer_id, order_date, total_amount) VALUES (101, 1, '2024-02-26', 150.0	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.000 sec
7	12:33:40	SELECT * FROM day6 customers LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
8	12:33:42	SELECT * FROM day6 orders LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

31°C

Search

ENG IN 12:34 27-02-2024

Navigator

SCHEMAS

Filter objects

- day6
 - Tables
 - customers
 - orders
 - Views
 - Stored Procedures
 - Functions
- demo
- learn
- library
- mydb
- pydb
- studentmanagementsystem
 - Tables
 - course

Administration Schemas

Information

No object selected

learnsql SQL File 3* lab1 student student SQL File 5* course SQL File 9* customers orders

Limit to 1000 rows

```
24 • INSERT INTO orders (order_id, customer_id, order_date, total_amount) VALUES
25 (101, 1, '2024-02-26', 150.00),
26 (102, 2, '2024-02-27', 200.00),
27 (103, 1, '2024-02-27', 100.00);
28
29 • SELECT c.first_name, c.last_name, o.order_date, o.total_amount
30 FROM customers c
```

Result Grid

first_name	last_name	order_date	total_amount
John	Doe	2024-02-26	150.00
John	Doe	2024-02-27	100.00
Jane	Smith	2024-02-27	200.00

Export: Wrap Cell Contents

Result 1 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
3	12.33.27	CREATE TABLE customers (customer_id INT PRIMARY KEY, first_name VARCHAR(50), last_name ...	0 row(s) affected	0.047 sec
4	12.33.27	CREATE TABLE orders (order_id INT PRIMARY KEY, customer_id INT, order_date DATE, total_...	0 row(s) affected	0.031 sec
5	12.33.27	INSERT INTO customers (customer_id, first_name, last_name) VALUES (1, 'John', 'Doe'), (2, 'Jane', 'Smith'), (3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.000 sec
6	12.33.27	INSERT INTO orders (order_id, customer_id, order_date, total_amount) VALUES (101, 1, '2024-02-26', 150.0...	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.000 sec
7	12.33.40	SELECT * FROM day6 customers LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
8	12.33.42	SELECT * FROM day6 orders LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

31°C

Search

ENG

12:34

SCHEMAS

Filter objects

day6

Tables

customers

employees

departments

orders

Views

Stored Procedures

Functions

demo

team

library

mydb

pydb

studentmanagementsystem

Administration

Schemas

Information

No object selected

student student SQL File 5* course SQL File 9* customers orders SQL File 10* departments orders

Limit to 1000 rows

1 • SELECT * FROM day6.departments;

Result Grid

Filter Rows:

Edit:

Export/Import:

Wrap Cell Content:

department_id	department_name
1	Sales
2	Marketing
3	Finance
NULL	NULL

departments 1 x

Output

Action Output

Time

Action

Message

Duration / Fetch

12

12:36:03

CREATE TABLE employees (employee_id INT PRIMARY KEY, first_name VARCHAR(50), last_name VARCHAR(50))

0 row(s) affected

0.016 sec

13

12:36:03

INSERT INTO departments (department_id, department_name) VALUES (1, 'Sales'), (2, 'Marketing'), (3, 'Finance')

3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0

0.000 sec

14

12:36:03

INSERT INTO employees (employee_id, first_name, last_name, department_id) VALUES (101, 'John', 'Smith', 1)

4 row(s) affected Records: 4 Duplicates: 0 Warnings: 0

0.016 sec

15

12:36:11

SELECT * FROM day6.departments LIMIT 0, 1000

3 row(s) returned

0.000 sec / 0.000 sec

Navigation pane (left):

- day6
 - Tables
 - customers
 - employees
 - departments
 - orders
 - Views
 - Stored Procedures
 - Functions
- demo
- learn
- library
- mydb
- pydb
- studentmanagementsystem
- Administration
- Schemas
- Information

SQL Editor (center):

```
1 • SELECT * FROM day6.orders;
```

Result Grid (below editor):

order_id	customer_id	order_date	total_amount
101	1	2024-02-26	150.00
102	2	2024-02-27	200.00
103	1	2024-02-27	100.00

Action Output (bottom):

Time	Action	Message	Duration / Fetch
12 12:36:03	CREATE TABLE employees (employee_id INT PRIMARY KEY, first_name VARCHAR(50), last_name VARCHAR(50))	0 row(s) affected	0.016 sec
13 12:36:03	INSERT INTO departments (department_id, department_name) VALUES (1, 'Sales'), (2, 'Marketing'), (3, 'Finance')	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.000 sec
14 12:36:03	INSERT INTO employees (employee_id, first_name, last_name, department_id) VALUES (101, 'John', 'Smith', 1)	4 row(s) affected Records: 4 Duplicates: 0 Warnings: 0	0.016 sec
15 12:36:11	SELECT * FROM day6.departments LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
16 12:36:13	SELECT * FROM day6.orders LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
17 12:36:30	SELECT d.department_name, e.first_name, e.last_name FROM departments d LEFT JOIN employees e ON d.department_id = e.department_id	4 row(s) returned	0.000 sec / 0.000 sec

Navigation pane (left):

- day6
 - Tables
 - customers
 - employees
 - departments
 - orders
 - Views
 - Stored Procedures
 - Functions
- demo
- learn
- library
- mydb
- pydb
- studentmanagementsystem
- Administration
- Schemas
- Information

SQL Editor (center):

```
25 (101, 'John', 'Smith', 1),
26 (102, 'Emily', 'Davis', 1),
27 (103, 'Michael', 'Johnson', 2),
28 (104, 'Jessica', 'Lee', 3);
29
30 • SELECT d.department_name, e.first_name, e.last_name
31 FROM departments d
```

Result Grid (below SQL Editor):

department_name	first_name	last_name
Sales	John	Smith
Sales	Emily	Davis
Marketing	Michael	Johnson
Finance	Jessica	Lee

Output pane (bottom):

Result 1 x

Output

Action Output

#	Time	Action	Message	Duration / Feels
12	12:36:03	CREATE TABLE employees (employee_id INT PRIMARY KEY, first_name VARCHAR(50), last_name...	0 row(s) affected	0.016 sec
13	12:36:03	INSERT INTO departments (department_id, department_name) VALUES (1, 'Sales'), (2, 'Marketing'), (3, 'Fin...	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.000 sec
14	12:36:03	INSERT INTO employees (employee_id, first_name, last_name, department_id) VALUES (101, 'John', 'Smith',...	4 row(s) affected Records: 4 Duplicates: 0 Warnings: 0	0.016 sec
15	12:36:11	SELECT * FROM day6 departments LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
16	12:36:13	SELECT * FROM day6 orders LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
17	12:36:30	SELECT d.department_name, e.first_name, e.last_name FROM departments d LEFT JOIN employees e ON d...	4 row(s) returned	0.000 sec / 0.000 sec

System tray (bottom):

31°C Mostly sunny

Search

ENG IN

12:37 27-02-2024