

SQL ASSIGNMET

ANUDIP

NAME : Vinay Sandip Dhake

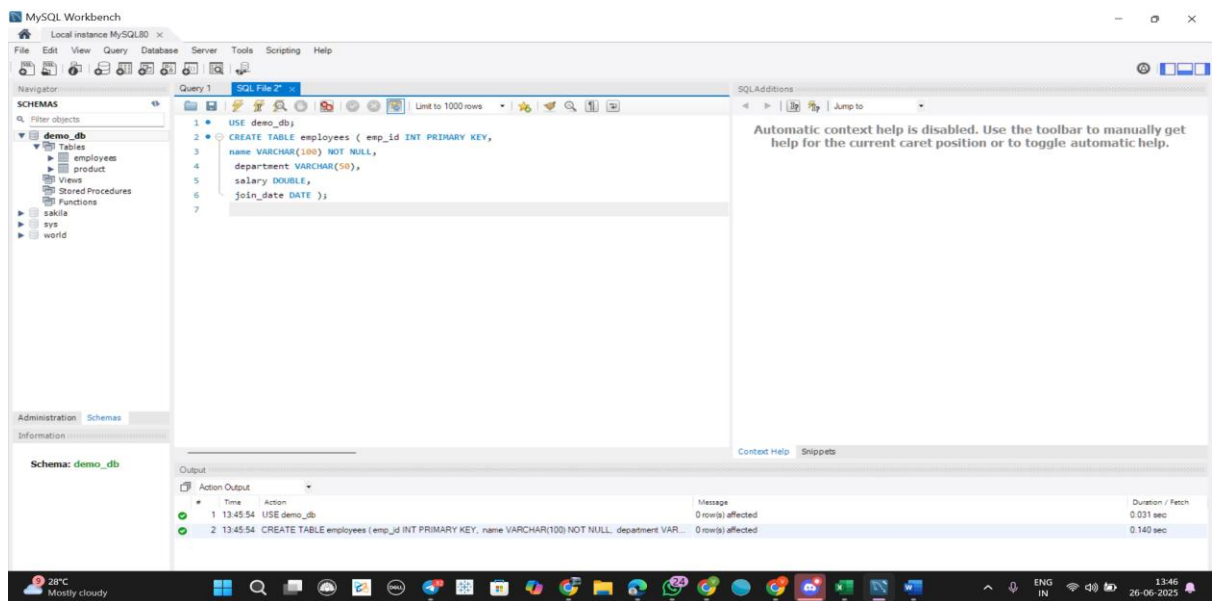
Student ID/AF Code : AF04955282

Batch Code : ANP-D1544

STRUCTURAL QUERY LANGUAGE

1. Creating table

```
CREATE TABLE employees ( emp_id INT PRIMARY KEY,  
name VARCHAR(100) NOT NULL,  
department VARCHAR(50),  
salary DOUBLE,  
join_date DATE );
```



2.Insert query

```
INSERT INTO employees (emp_id, name, department, salary, join_date) VALUES
(101, 'John Doe', 'HR', 45000, '2021-06-15'),
(102, 'Jane Smith', 'IT', 75000, '2020-01-10'),
(103, 'Alice Johnson', 'Finance', 60000, '2019-08-23'),
(104, 'Bob Brown', 'IT', 80000, '2022-03-01'),
(105, 'Eve Davis', 'Marketing', 55000, '2021-11-05');
```

The screenshot shows the MySQL Workbench interface. The SQL Editor contains the following query:

```
1 USE demo_db;
2
3 INSERT INTO employees (emp_id, name, department, salary, join_date) VALUES
4 (101, 'John Doe', 'HR', 45000, '2021-06-15'),
5 (102, 'Jane Smith', 'IT', 75000, '2020-01-10'),
6 (103, 'Alice Johnson', 'Finance', 60000, '2019-08-23'),
7 (104, 'Bob Brown', 'IT', 80000, '2022-03-01'),
8 (105, 'Eve Davis', 'Marketing', 55000, '2021-11-05');
9
10 SELECT * FROM employees;
```

The Result Grid shows the following data:

emp_id	name	department	salary	join_date
101	John Doe	HR	45000	2021-06-15
102	Jane Smith	IT	75000	2020-01-10
103	Alice Johnson	Finance	60000	2019-08-23
104	Bob Brown	IT	80000	2022-03-01
105	Eve Davis	Marketing	55000	2021-11-05

The Output tab shows the following messages:

#	Time	Action	Message	Duration / Fetch
2	13:45:54	CREATE TABLE employees (emp_id INT PRIMARY KEY, name VARCHAR(100) NOT NULL, department V...	0 row(s) affected	0.140 sec
3	13:48:25	USE demo_db	0 row(s) affected	0.000 sec
4	13:48:25	INSERT INTO employees (emp_id, name, department, salary, join_date) VALUES (101, 'John Doe', 'HR', 4500...	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.031 sec
5	13:48:35	SELECT * FROM demo_db.product LIMIT 0, 1000	3 row(s) returned	0.015 sec / 0.000 sec
6	13:49:29	SELECT * FROM employee LIMIT 0, 1000	Error Code: 1146, Table 'demo_db.employee' doesn't exist	0.016 sec
7	13:49:40	SELECT * FROM employees LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

3.Select query SELECT * FROM employees;

The screenshot shows the MySQL Workbench interface. The SQL Editor contains the following queries:

```
1 USE demo_db;
2
3 INSERT INTO employees (emp_id, name, department, salary, join_date) VALUES
4 (101, 'John Doe', 'HR', 45000, '2021-06-15'),
5 (102, 'Jane Smith', 'IT', 75000, '2020-01-10'),
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9
10 SELECT * FROM employees;
```

The Result Grid displays the following data:

emp_id	name	department	salary	join_date
101	John Doe	HR	45000	2021-06-15
102	Jane Smith	IT	75000	2020-01-10
103	Alice Johnson	Finance	60000	2019-08-23
104	Bob Brown	IT	80000	2022-03-01
105	Eve Davis	Marketing	55000	2021-11-05

The Output pane shows the execution log:

#	Time	Action	Message	Duration / Fetch
2	13:45:54	CREATE TABLE employees (emp_id INT PRIMARY KEY, name VARCHAR(100) NOT NULL, department V...	0 row(s) affected	0.140 sec
3	13:48:25	USE demo_db	0 row(s) affected	0.000 sec
4	13:48:25	INSERT INTO employees (emp_id, name, department, salary, join_date) VALUES (101, 'John Doe', 'HR', 4500...	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.031 sec
5	13:48:35	SELECT * FROM demo_db.product LIMIT 0.1000	3 row(s) returned	0.015 sec / 0.000 sec
6	13:49:29	SELECT * FROM employee LIMIT 0.1000	Error Code: 1146. Table 'demo_db.employee' doesn't exist	0.016 sec
7	13:49:40	SELECT * FROM employees LIMIT 0.1000	5 row(s) returned	0.000 sec / 0.000 sec

4.SELECT name, department FROM employees;

The screenshot shows the MySQL Workbench interface. The SQL Editor contains the following queries:

```
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3 INSERT INTO employees (emp_id, name, department, salary, join_date) VALUES
4 (101, 'John Doe', 'HR', 45000, '2021-06-15'),
5 (102, 'Jane Smith', 'IT', 75000, '2020-01-10'),
6 (103, 'Alice Johnson', 'Finance', 60000, '2019-08-23'),
7 (104, 'Bob Brown', 'IT', 80000, '2022-03-01'),
8 (105, 'Eve Davis', 'Marketing', 55000, '2021-11-05');
9
10 SELECT name, department FROM employees;
```

The Result Grid displays the following data:

name	department
John Doe	HR
Jane Smith	IT
Alice Johnson	Finance
Bob Brown	IT
Eve Davis	Marketing

The Output pane shows the execution log:

#	Time	Action	Message	Duration / Fetch
3	13:48:25	USE demo_db	0 row(s) affected	0.000 sec
4	13:48:25	INSERT INTO employees (emp_id, name, department, salary, join_date) VALUES (101, 'John Doe', 'HR', 4500...	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.031 sec
5	13:48:35	SELECT * FROM demo_db.product LIMIT 0.1000	3 row(s) returned	0.015 sec / 0.000 sec
6	13:49:29	SELECT * FROM employee LIMIT 0.1000	Error Code: 1146. Table 'demo_db.employee' doesn't exist	0.016 sec

5. SELECT * FROM employees WHERE department = 'IT';

The screenshot shows the MySQL Workbench interface. The 'Query 1' window contains the following SQL query:

```
SELECT * FROM employees;
```

The 'Result Grid' shows the results of the query, limited to 1000 rows. The columns are emp_id, name, department, salary, and join_date. The results are as follows:

emp_id	name	department	salary	join_date
103	Alice Johnson	Finance	60000	2019-08-23
104	Bob Brown	IT	80000	2022-03-01
105	Eve Davis	Marketing	55000	2021-11-05

The 'Output' window shows the execution of the query, with a message indicating that the table 'demo_db.employee' doesn't exist. The 'Action Output' window shows the execution of the query, with a message indicating that the table 'demo_db.employee' doesn't exist.

6.

SELECT * FROM employees

WHERE department = 'IT' AND salary > 75000;

The screenshot shows the MySQL Workbench interface. The 'Query 1' window contains the following SQL query:

```
SELECT * FROM employees  
WHERE department = 'IT' AND salary > 75000;
```

The 'Result Grid' shows the results of the query, limited to 1000 rows. The columns are emp_id, name, department, salary, and join_date. The results are as follows:

emp_id	name	department	salary	join_date
104	Bob Brown	IT	80000	2022-03-01

The 'Output' window shows the execution of the query, with a message indicating that the table 'demo_db.employee' doesn't exist. The 'Action Output' window shows the execution of the query, with a message indicating that the table 'demo_db.employee' doesn't exist.

7.

SELECT * FROM employees

WHERE department IN ('IT', 'Finance');

The screenshot shows the MySQL Workbench interface. The 'Query' tab is active, displaying a SQL query: `SELECT * FROM employees WHERE department = 'IT';`. The 'Result Grid' shows the results of the query, which are 7 rows. The columns are: emp_id, name, department, salary, and join_date. The results are as follows:

emp_id	name	department	salary	join_date
102	Jane Smith	IT	75000	2020-01-10
103	Alice Johnson	Finance	60000	2019-08-23
104	Bob Brown	IT	80000	2022-03-01
105	Eve Davis	Marketing	55000	2021-11-05
106	Frank Miller	Finance	70000	2020-05-15
107	Grace Wilson	IT	90000	2018-09-01
108	Henry Taylor	Finance	85000	2021-02-28

The 'Action Output' tab shows the execution of the query, with a message indicating that 7 rows were returned.

8.

SELECT * FROM employees

WHERE salary BETWEEN 50000 AND 70000;

The screenshot shows the MySQL Workbench interface. The 'Query' tab is active, displaying a SQL query: `SELECT * FROM employees WHERE salary BETWEEN 50000 AND 70000;`. The 'Result Grid' shows the results of the query, which are 10 rows. The columns are: emp_id, name, department, salary, and join_date. The results are as follows:

emp_id	name	department	salary	join_date
103	Alice Johnson	Finance	60000	2019-08-23
105	Eve Davis	Marketing	55000	2021-11-05
106	Frank Miller	Finance	70000	2020-05-15
107	Grace Wilson	IT	90000	2018-09-01
108	Henry Taylor	Finance	85000	2021-02-28
109	Ivan King	IT	70000	2020-07-10
110	Jane Smith	IT	75000	2020-01-10
111	John Doe	HR	45000	2017-03-01
112	Karen White	Finance	65000	2020-10-01
113	Larry Green	Marketing	50000	2022-01-01

The 'Action Output' tab shows the execution of the query, with a message indicating that 10 rows were returned.

9. SELECT * FROM employees

WHERE name LIKE 'J%'; -- Names starting with J

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

Filter objects

SCHEMAS

demo_db

Tables

employees

product

Views

Stored Procedures

Functions

sys

world

Query 1

SQL File product

Limit to 1000 rows

21 WHERE department IN ('IT', 'Finance');

22

23 SELECT * FROM employees

24 WHERE salary BETWEEN 50000 AND 70000;

25

26 SELECT * FROM employees

27 WHERE name LIKE 'J%'; -- Names starting with J

28

29

30

Result Grid

Filter Rows

emp_id name department salary join_date

101 John Doe HR 45000 2021-06-15

102 Jane Smith IT 75000 2020-01-10

employees 11 x

Apply Revert Context Help Snippets

Output

Action Output

Time Action Message Duration / Fetch

9 13:53:50 SELECT * FROM employees WHERE department = 'IT' LIMIT 0, 1000 2 row(s) returned 0.000 sec / 0.000 sec

10 13:54:25 SELECT * FROM employees LIMIT 0, 1000 5 row(s) returned 0.000 sec / 0.000 sec

11 13:54:41 SELECT * FROM employees WHERE department = 'IT' LIMIT 0, 1000 2 row(s) returned 0.000 sec / 0.000 sec

12 14:18:15 USE demo_db 0 row(s) affected 0.031 sec

13 14:18:15 INSERT INTO employees (emp_id, name, department, salary, join_date) VALUES (101, 'John Doe', 'HR', 45000, '2021-06-15'); Error Code: 1062, Duplicate entry '101' for key 'employees.PRIMARY' 0.015 sec

14 14:18:47 SELECT * FROM employees WHERE department = 'IT' AND salary > 75000 LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec

15 14:21:52 SELECT * FROM employees WHERE department IN ('IT', 'Finance') LIMIT 0, 1000 3 row(s) returned 0.016 sec / 0.000 sec

16 14:23:03 SELECT * FROM employees WHERE salary BETWEEN 50000 AND 70000 LIMIT 0, 1000 2 row(s) returned 0.000 sec / 0.000 sec

17 14:23:22 SELECT * FROM employees WHERE salary BETWEEN 50000 AND 70000 LIMIT 0, 1000 2 row(s) returned 0.000 sec / 0.000 sec

18 14:23:52 SELECT * FROM employees WHERE salary BETWEEN 50000 AND 70000 LIMIT 0, 1000 2 row(s) returned 0.000 sec / 0.000 sec

19 14:24:49 SELECT * FROM employees WHERE name LIKE 'J%'; LIMIT 0, 1000 2 row(s) returned 0.000 sec / 0.000 sec

Table: product

Columns:

product_id PK

product_name varchar(1)

category varchar(1)

sub_category varchar(4)

original_price double

selling_price double

stock int

Object Info Session

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CLAUSE -ORDER BY, WHERE, HAVING

10.

SELECT * FROM employees

ORDER BY salary DESC;

The screenshot shows the MySQL Workbench interface. The SQL Editor contains the following query:

```
25
26 * SELECT * FROM employees
27 WHERE name LIKE 'J%'; -- Names starting with J
28
29 -- CLAUSE -ORDER BY, WHERE, HAVING
30 * SELECT * FROM employees
31 ORDER BY salary DESC;
32
```

The Results window displays the following data:

emp_id	name	department	salary	join_date
104	Bob Brown	IT	80000	2022-03-01
102	Jane Smith	IT	75000	2020-01-10
103	Alice Johnson	Finance	60000	2019-08-23
105	Eve Davis	Marketing	55000	2021-01-05
101	John Doe	HR	45000	2021-06-15

The Action Output window shows the following messages:

#	Time	Action	Message	Duration / Fetch
10	13:54:25	SELECT * FROM employees LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
11	13:54:41	SELECT * FROM employees WHERE department = 'IT' LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
12	14:18:15	USE demo_db	0 row(s) affected	0.031 sec
13	14:18:15	INSERT INTO employees (emp_id, name, department, salary, join_date) VALUES (101, 'John Doe', 'HR', 45000, '2021-06-15')	Error Code: 1062. Duplicate entry '101' for key 'employees.PRIMARY'	0.015 sec
14	14:18:47	SELECT * FROM employees WHERE department = 'IT' AND salary > 75000 LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
15	14:21:52	SELECT * FROM employees WHERE department IN ('IT', 'Finance') LIMIT 0, 1000	3 row(s) returned	0.016 sec / 0.000 sec
16	14:23:03	SELECT * FROM employees WHERE salary BETWEEN 50000 AND 70000 LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
17	14:23:22	SELECT * FROM employees WHERE salary BETWEEN 50000 AND 70000 LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
18	14:23:52	SELECT * FROM employees WHERE salary BETWEEN 50000 AND 70000 LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec

UPDATE QUERY

11.

UPDATE employees

SET salary = 82000

WHERE emp_id = 104;

The screenshot displays the MySQL Workbench interface. The 'Query' tab is active, showing the following SQL query:

```
34
35 UPDATE employees
36 SET salary = 82000
37 WHERE emp_id = 104;
38
39 SELECT * FROM employees;
```

The 'Result Grid' shows the results of the query, displaying a table with columns: emp_id, name, department, salary, and join_date. The data is as follows:

emp_id	name	department	salary	join_date
101	John Doe	HR	45000	2021-06-15
102	Jane Smith	IT	75000	2020-01-10
103	Alice Johnson	Finance	60000	2019-08-23
104	Bob Brown	IT	82000	2022-03-01
105	Eve Davis	Marketing	55000	2021-11-05

The 'Output' tab shows the execution log, including the following actions and messages:

#	Time	Action	Message	Duration / Fetch
9	13:53:58	SELECT * FROM employees WHERE department = 'IT' LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
10	13:54:25	SELECT * FROM employees LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
11	13:54:41	SELECT * FROM employees WHERE department = 'IT' LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
12	14:18:15	USE demo_db	0 row(s) affected	0.031 sec
13	14:18:15	INSERT INTO employees (emp_id, name, department, salary, join_date) VALUES (101, 'John Doe', 'HR', 45000, '2021-06-15')	Error Code: 1062 Duplicate entry '101' for key 'employees.PRIMARY'	0.015 sec
14	14:18:47	SELECT * FROM employees WHERE department = 'IT' AND salary > 75000 LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
15	14:21:52	SELECT * FROM employees WHERE department IN ('IT', 'Finance') LIMIT 0, 1000	3 row(s) returned	0.016 sec / 0.000 sec
16	14:23:03	SELECT * FROM employees WHERE salary BETWEEN 50000 AND 70000 LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
17	14:23:22	SELECT * FROM employees WHERE salary BETWEEN 50000 AND 70000 LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
18	14:23:52	SELECT * FROM employees WHERE salary BETWEEN 50000 AND 70000 LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
19	14:24:49	SELECT * FROM employees WHERE name LIKE 'J%': LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
20	14:28:19	SELECT * FROM employees ORDER BY salary DESC LIMIT 0, 1000	5 row(s) returned	0.015 sec / 0.000 sec
21	14:30:21	UPDATE employees SET salary = 82000 WHERE emp_id = 104	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.015 sec
22	14:31:12	SELECT * FROM employees LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

12.

DELETE FROM employees

WHERE emp_id = 105;

The screenshot shows the MySQL Workbench interface. The SQL Editor contains the following query:

```
39 SELECT * FROM employees;
40
41 DELETE FROM employees
42 WHERE emp_id = 105;
43
44 SELECT * FROM employees;
```

The Result Grid shows the following data:

emp_id	name	department	salary	join_date
101	John Doe	HR	40000	2021-06-15
102	Jane Smith	IT	75000	2020-01-10
103	Alice Johnson	Finance	60000	2019-08-23
104	Bob Brown	IT	82000	2022-03-01

The Output tab shows the following actions:

#	Time	Action	Message	Duration / Fetch
11	13:54:41	SELECT * FROM employees WHERE department = 'IT' LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
12	14:18:15	USE demo_db	0 row(s) affected	0.031 sec
13	14:18:15	INSERT INTO employees (emp_id, name, department, salary, join_date) VALUES (101, 'John Doe', 'HR', 45000, '2021-06-15')	Error Code: 1062. Duplicate entry '101' for key 'employees PRIMARY'	0.015 sec
14	14:18:47	SELECT * FROM employees WHERE department = 'IT' AND salary > 75000 LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
15	14:21:52	SELECT * FROM employees WHERE department IN ('IT', 'Finance') LIMIT 0, 1000	3 row(s) returned	0.016 sec / 0.000 sec
16	14:23:03	SELECT * FROM employees WHERE salary BETWEEN 50000 AND 70000 LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
17	14:23:22	SELECT * FROM employees WHERE salary BETWEEN 50000 AND 70000 LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
18	14:23:52	SELECT * FROM employees WHERE salary BETWEEN 50000 AND 70000 LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
19	14:24:49	SELECT * FROM employees WHERE name LIKE 'J%': LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
20	14:28:19	SELECT * FROM employees ORDER BY salary DESC LIMIT 0, 1000	5 row(s) returned	0.015 sec / 0.000 sec
21	14:30:21	UPDATE employees SET salary = 82000 WHERE emp_id = 104	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.015 sec
22	14:31:12	SELECT * FROM employees LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
23	14:33:34	DELETE FROM employees WHERE emp_id = 105	1 row(s) affected	0.016 sec
24	14:33:52	SELECT * FROM employees LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec

13.

SELECT department, AVG(salary) AS avg_salary

FROM employees

GROUP BY department;

The screenshot shows the MySQL Workbench interface. The SQL Editor contains the following query:

```
44 SELECT * FROM employees;
45
46 SELECT department, AVG(salary) AS avg_salary
47 FROM employees
48 GROUP BY department;
```

The Results window displays the output of the query:

department	avg_salary
HR	45000
IT	78500
Finance	60000

The Output window shows the execution log with the following entries:

#	Time	Action	Message	Duration / Fetch
12	14:18:15	USE demo_db	0 row(s) affected	0.031 sec
13	14:18:15	INSERT INTO employees (emp_id, name, department, salary, join_date) VALUES (101, 'John Doe', 'HR', 45000, ...)	Error Code: 1062. Duplicate entry '101' for key 'employees.PRIMARY'	0.015 sec
14	14:18:47	SELECT * FROM employees WHERE department = 'IT' AND salary > 75000 LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
15	14:21:52	SELECT * FROM employees WHERE department IN ('IT', 'Finance') LIMIT 0, 1000	3 row(s) returned	0.016 sec / 0.000 sec
16	14:23:03	SELECT * FROM employees WHERE salary BETWEEN 50000 AND 70000 LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
17	14:23:22	SELECT * FROM employees WHERE salary BETWEEN 50000 AND 70000 LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
18	14:23:52	SELECT * FROM employees WHERE salary BETWEEN 50000 AND 70000 LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
19	14:24:49	SELECT * FROM employees WHERE name LIKE 'J%': LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
20	14:28:19	SELECT * FROM employees ORDER BY salary DESC LIMIT 0, 1000	5 row(s) returned	0.015 sec / 0.000 sec
21	14:30:21	UPDATE employees SET salary = 82000 WHERE emp_id = 104	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.015 sec
22	14:31:12	SELECT * FROM employees LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
23	14:33:34	DELETE FROM employees WHERE emp_id = 105	1 row(s) affected	0.016 sec
24	14:33:52	SELECT * FROM employees LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
25	14:35:44	SELECT department, AVG(salary) AS avg_salary FROM employees GROUP BY department LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec

14.

SELECT department, COUNT(*) AS emp_count

FROM employees

GROUP BY department

HAVING COUNT(*) > 1;

The screenshot shows the MySQL Workbench interface. The 'Query Editor' window contains the following SQL query:

```
SELECT department, COUNT(*) AS emp_count
FROM employees
GROUP BY department
HAVING COUNT(*) > 1;
```

The 'Result Grid' window displays the results of the query:

department	emp_count
IT	2

The 'Output' window shows a list of actions and their results:

#	Time	Action	Message	Duration / Fetch
13	14:18:15	INSERT INTO employees (emp_id, name, department, salary, join_date) VALUES (101, 'John Doe', 'HR', 4500, ...)	Error Code: 1062. Duplicate entry '101' for key 'employees.PRIMARY'	0.015 sec
14	14:18:47	SELECT * FROM employees WHERE department = 'IT' AND salary > 75000 LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
15	14:21:52	SELECT * FROM employees WHERE department IN ('IT', 'Finance') LIMIT 0, 1000	3 row(s) returned	0.016 sec / 0.000 sec
16	14:23:03	SELECT * FROM employees WHERE salary BETWEEN 50000 AND 70000 LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
17	14:23:22	SELECT * FROM employees WHERE salary BETWEEN 50000 AND 70000 LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
18	14:23:52	SELECT * FROM employees WHERE salary BETWEEN 50000 AND 70000 LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
19	14:24:49	SELECT * FROM employees WHERE name LIKE 'J%': LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
20	14:28:19	SELECT * FROM employees ORDER BY salary DESC LIMIT 0, 1000	5 row(s) returned	0.015 sec / 0.000 sec
21	14:30:21	UPDATE employees SET salary = 82000 WHERE emp_id = 104	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.015 sec
22	14:31:12	SELECT * FROM employees LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
23	14:33:34	DELETE FROM employees WHERE emp_id = 105	1 row(s) affected	0.016 sec
24	14:33:52	SELECT * FROM employees LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
25	14:35:44	SELECT department, AVG(salary) AS avg_salary FROM employees GROUP BY department LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
26	14:37:05	SELECT department, COUNT(*) AS emp_count FROM employees GROUP BY department HAVING COUNT(*) > 1	1 row(s) returned	0.000 sec / 0.000 sec