

## Assignment\_4

Enter password: \*\*\*\*\*

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 12

Server version: 8.0.37 MySQL Community Server - GPL

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

```
mysql> show databases;
```

Database
college
employee
information_schema
lab_assignment
mysql
performance_schema
sakila
sys
world

9 rows in set (0.00 sec)

```
mysql> use lab_assignment;
```

Database changed

```
mysql> CREATE TABLE Sales (  
->     Sales_No INT,  
->     Sales_Name VARCHAR(50),  
->     Branch VARCHAR(50),  
->     Sales_Amount DECIMAL(10, 2),  
->     DOB DATE  
-> );
```

Query OK, 0 rows affected (0.04 sec)

```
mysql> INSERT INTO Sales (Sales_No, Sales_Name, Branch, Sales_Amount, DOB)
```

```
-> VALUES
```

```
-> (1, 'John Doe', 'North', 15000.00, '1990-12-21'),  
-> (2, 'Jane Smith', 'South', 20000.00, '1985-06-15'),  
-> (3, 'Emily Davis', 'East', 18000.00, '1992-12-10'),  
-> (4, 'Michael Brown', 'West', 22000.00, '1988-03-05'),  
-> (5, 'Sarah Wilson', 'North', 17000.00, '1991-12-25');
```

Query OK, 5 rows affected (0.02 sec)

Records: 5 Duplicates: 0 Warnings: 0

```
mysql> select * from sales;
```

Sales_No	Sales_Name	Branch	Sales_Amount	DOB
1	John Doe	North	15000.00	1990-12-21
2	Jane Smith	South	20000.00	1985-06-15
3	Emily Davis	East	18000.00	1992-12-10
4	Michael Brown	West	22000.00	1988-03-05
5	Sarah Wilson	North	17000.00	1991-12-25

```
+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

```
mysql> SELECT Branch, SUM(Sales_Amount) AS Total_Sales_Amount
-> FROM Sales
-> GROUP BY Branch;
```

```
+-----+-----+
| Branch | Total_Sales_Amount |
+-----+-----+
| North  | 32000.00           |
| South  | 20000.00           |
| East   | 18000.00           |
| West   | 22000.00           |
+-----+-----+
4 rows in set (0.00 sec)
```

```
mysql> SELECT Branch, AVG(Sales_Amount) AS Average_Sales_Amount
-> FROM Sales
-> GROUP BY Branch;
```

```
+-----+-----+
| Branch | Average_Sales_Amount |
+-----+-----+
| North  | 16000.000000        |
| South  | 20000.000000        |
| East   | 18000.000000        |
| West   | 22000.000000        |
+-----+-----+
4 rows in set (0.00 sec)
```

```
mysql> SELECT Sales_Name, DATE_FORMAT(DOB, '%d-%b-%y') AS DOB
-> FROM Sales
-> WHERE MONTH(DOB) = 12;
```

```
+-----+-----+
| Sales_Name | DOB           |
+-----+-----+
| John Doe   | 21-Dec-90     |
| Emily Davis | 10-Dec-92     |
| Sarah Wilson | 25-Dec-91     |
+-----+-----+
3 rows in set (0.00 sec)
```

```
mysql> SELECT Sales_Name, DOB
-> FROM Sales
-> ORDER BY DATE_FORMAT(DOB, '%M');
```

```
+-----+-----+
| Sales_Name | DOB           |
+-----+-----+
| John Doe   | 1990-12-21    |
| Emily Davis | 1992-12-10    |
| Sarah Wilson | 1991-12-25    |
| Jane Smith | 1985-06-15    |
| Michael Brown | 1988-03-05    |
+-----+-----+
5 rows in set (0.00 sec)
```

```
mysql>
```