

Microsoft Windows [Version 10.0.22000.856]
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```
C:\Users\hp>mysql -u root -p
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 10
Server version: 8.0.30 MySQL Community Server - GPL
```

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

```
mysql> create database employee;
ERROR 1007 (HY000): Can't create database 'employee'; database exists
mysql> use employee;
Database changed
mysql> create table employee (Emp_ID int(10), Emp_Name varchar(15),
Emp_City varchar(15));
Query OK, 0 rows affected, 1 warning (0.11 sec)
```

```
mysql> show tables;
+-----+
| Tables_in_employee |
+-----+
| employee            |
+-----+
1 row in set (0.00 sec)
```

```
mysql> insert into employee values (111, "Tejas", "Pune");
Query OK, 1 row affected (0.01 sec)
```

```
mysql> select * from employee;
+-----+-----+-----+
| Emp_ID | Emp_Name | Emp_City |
+-----+-----+-----+
|      111 | Tejas    | Pune     |
+-----+-----+-----+
1 row in set (0.00 sec)
```

```
mysql> insert into employee values (112, "Viraj", "Nagar"), (113,
"Affan", "Nandurbar");
Query OK, 2 rows affected (0.01 sec)
Records: 2  Duplicates: 0  Warnings: 0
```

```
mysql> select * from employee;
+-----+-----+-----+
| Emp_ID | Emp_Name | Emp_City |
+-----+-----+-----+
|      111 | Tejas    | Pune     |
|      112 | Viraj    | Nagar     |
|      113 | Affan    | Nandurbar |
+-----+-----+-----+
3 rows in set (0.00 sec)
```

```
mysql> create table orders (order_no int(10), Emp_ID int(10), quantity
int(10));
Query OK, 0 rows affected, 3 warnings (0.02 sec)
```

```
mysql> insert into orders values (999, 111, 30), (888, 112, 35), (777,
113, 40);
Query OK, 3 rows affected (0.01 sec)
Records: 3  Duplicates: 0  Warnings: 0
```

```
mysql> select * from orders;
+-----+-----+-----+
| order_no | Emp_ID | quantity |
+-----+-----+-----+
|      999 |     111 |         30 |
|      888 |     112 |         35 |
|      777 |     113 |         40 |
+-----+-----+-----+
3 rows in set (0.00 sec)
```

```
mysql> select employee.Emp_ID, employee.Emp_Name, orders.order_no from
orders inner join employee on employee.Emp_ID=orders.Emp_ID;
+-----+-----+-----+
| Emp_ID | Emp_Name | order_no |
+-----+-----+-----+
|     111 | Tejas    |      999 |
|     112 | Viraj    |      888 |
|     113 | Affan    |      777 |
+-----+-----+-----+
3 rows in set (0.00 sec)
```

```
mysql> select employee.Emp_ID, employee.Emp_Name, orders.order_no from
orders left join employee on employee.Emp_ID=orders.Emp_ID;
+-----+-----+-----+
| Emp_ID | Emp_Name | order_no |
+-----+-----+-----+
|     111 | Tejas    |      999 |
|     112 | Viraj    |      888 |
|     113 | Affan    |      777 |
+-----+-----+-----+
3 rows in set (0.00 sec)
```

```
mysql> select employee.Emp_ID, employee.Emp_Name, orders.order_no from
orders right join employee on employee.Emp_ID=orders.Emp_ID;
+-----+-----+-----+
| Emp_ID | Emp_Name | order_no |
+-----+-----+-----+
|     111 | Tejas    |      999 |
|     112 | Viraj    |      888 |
|     113 | Affan    |      777 |
+-----+-----+-----+
3 rows in set (0.00 sec)
```

```
mysql> select employee.Emp_ID, employee.Emp_Name, orders.order_no from
orders cross join employee;
+-----+-----+-----+
| Emp_ID | Emp_Name | order_no |
+-----+-----+-----+
|     111 | Tejas    |      777 |
|     111 | Tejas    |      888 |
|     111 | Tejas    |      999 |
```

112	Viraj	777
112	Viraj	888
112	Viraj	999
113	Affan	777
113	Affan	888
113	Affan	999

9 rows in set (0.00 sec)

```
mysql> select employee.Emp_ID, employee.Emp_Name, orders.order_no from
orders left outer join employee on employee.Emp_ID=orders.Emp_ID;
```

Emp_ID	Emp_Name	order_no
111	Tejas	999
112	Viraj	888
113	Affan	777

3 rows in set (0.00 sec)

```
mysql> select employee.Emp_ID, employee.Emp_Name, orders.order_no from
orders right outer join employee on employee.Emp_ID=orders.Emp_ID;
```

Emp_ID	Emp_Name	order_no
111	Tejas	999
112	Viraj	888
113	Affan	777

3 rows in set (0.00 sec)

```
mysql>
```