1. Name collection creation

Input

```sql
CREATE TABLE Employees (
    EmployeeID VARCHAR(10) PRIMARY KEY,
    Name VARCHAR(100),
    Department VARCHAR(50),
    Gender VARCHAR(10)
);
```

Output

SQL query successfully executed. However, the result set is empty.

Output of name collection:

Input

```sql
INSERT INTO Employees (EmployeeID, Name, Department, Gender) VALUES
('E02001', 'Alice', 'IT', 'Female'),
('E02002', 'Bob', 'HR', 'Male'),
('E02003', 'Charlie', 'IT', 'Male'),
('E02004', 'David', 'Sales', 'Male');
```

Output

SQL query successfully executed. However, the result set is empty.

Available Tables

Customers

customer_id	first_name	last_name	age	country
1	John	Doe	31	USA
2	Robert	Luna	22	USA
3	David	Robinson	22	UK
4	John	Reinhardt	25	UK
5	Betty	Doe	28	UAE

Employees

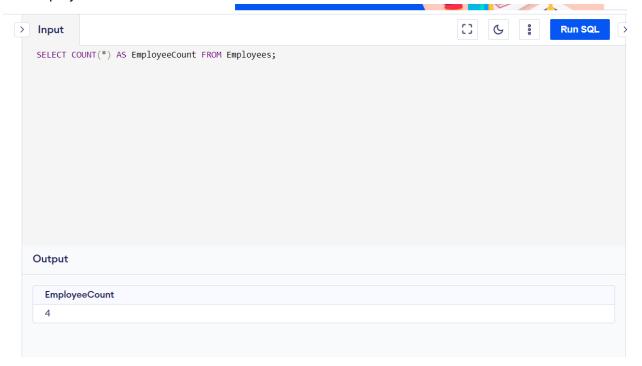| EmployeeID	Name	Department	Gender
E02001	Alice	IT	Female
E02002	Bob	HR	Male
E02003	Charlie	IT	Male
E02004	David	Sales	Male

2. Phone collection creation:

3. Get employee count

4. Without department

```sql
SELECT * FROM EmployeesWithoutDepartment
```

Output

EmployeeID	Name	Gender
E02001	Alice	Female
E02002	Bob	Male
E02003	Charlie	Male
E02004	David	Male

5.phone collection without gender

```sql
SELECT * FROM EmployeesphoneWithoutGender
```

Output

EmployeeID	Name	Department	phone_number
E020011	Alice	IT	3231
E020021	Bob	HR	2355
E020033	Charlie	IT	6556
E020043	David	Sales	6565

Delete a employee from employees

Input

```
DELETE FROM Employees WHERE EmployeeID = 'E02003';
```

Run SQL

Available Tables

Customers

customer_id	first_name	last_name	age	country
1	John	Doe	31	USA
2	Robert	Luna	22	USA
3	David	Robinson	22	UK
4	John	Reinhardt	25	UK
5	Betty	Doe	28	UAE

Employees

EmployeeID	Name	Department	Gender
E02001	Alice	IT	Female
E02002	Bob	HR	Male
E02004	David	Sales	Male

Orders

Output

SQL query successfully executed. However, the result set is empty.

Employee count

Input

```
SELECT Department, COUNT(*) AS Count FROM Employees GROUP BY Department;
```

Run SQL

Output

Department	Count
HR	1
IT	2
Sales	1

name collection department 'IT'

Input

```
SELECT * FROM Employees WHERE Department = 'IT';
```

Output

EmployeeID	Name	Department	Gender
E02001	Alice	IT	Female
E02003	Charlie	IT	Male

name collection gender 'Male'

Input

```
SELECT * FROM Employees WHERE Gender = 'Male';
```

Output

EmployeeID	Name	Department	Gender
E02002	Bob	HR	Male
E02003	Charlie	IT	Male
E02004	David	Sales	Male

phone collection department 'IT'

Input

```sql
SELECT * FROM PHONE WHERE Department = 'IT';
```

Run SQL

Output

EmployeeID	Name	Department	Gender	phone_number
E020011	Alice	IT	Female	3231
E020033	Charlie	IT	Male	6556

name collection department facet

Input

```sql
SELECT Department, COUNT(*) AS Count
FROM Employees
GROUP BY Department;
```

Run SQL

Available Tables

Customers

customer_id	first_name	last_name	age	country
1	John	Doe	31	USA
2	Robert	Luna	22	USA
3	David	Robinson	22	UK
4	John	Reinhardt	25	UK
5	Betty	Doe	28	UAE

Employees

EmployeeID	Name	Department	Gender
E02001	Alice	IT	Female
E02002	Bob	HR	Male
E02003	Charlie	IT	Male
E02004	David	Sales	Male

Output

Department	Count
HR	1
IT	2
Sales	1

Orders

phone collection department facet

Input

```
SELECT Department, COUNT(*) AS Count
FROM phone
GROUP BY Department;
```

Run SQL

Output

Department	Count
HR	1
IT	2
Sales	1