

TO RETURN THE TOTAL NUMBER OF EMPLOYEE

USE practice;

```
CREATE TABLE Departments (  
    DepartmentID INT PRIMARY KEY,  
    DepartmentName VARCHAR(100)  
);  
CREATE TABLE Employees (  
    EmployeeID INT PRIMARY KEY IDENTITY(1,1),  
    FirstName VARCHAR(50),  
    LastName VARCHAR(50),  
    DepartmentID INT FOREIGN KEY REFERENCES Departments(DepartmentID),  
    Salary DECIMAL(10,2),  
    JoinDate DATE  
);
```

```
INSERT INTO Departments (DepartmentID, DepartmentName) VALUES  
(1, 'HR'),  
(2, 'Finance'),  
(3, 'IT'),  
(4, 'Marketing');
```

```
INSERT INTO Employees (FirstName, LastName, DepartmentID, Salary, JoinDate) VALUES  
( 'John', 'Doe', 1, 5000.00, '2020-01-15'),  
( 'Jane', 'Smith', 2, 6000.00, '2019-03-22'),  
( 'Michael', 'Johnson', 3, 7000.00, '2018-07-30'),  
( 'Emily', 'Davis', 4, 5500.00, '2021-11-05');
```

```
SELECT * FROM Employees;  
SELECT * FROM Departments;
```

-- Create Procedure

```
CREATE PROCEDURE sp_CountEmployeesByDepartment  
    @DepartmentID INT  
AS  
BEGIN  
    SELECT  
        COUNT(*) AS TotalEmployees  
    FROM Employees  
    WHERE DepartmentID = @DepartmentID;  
END;  
GO
```

```
EXEC sp_CountEmployeesByDepartment @DepartmentID = 2;
```

SQL QUERY

USE practice;

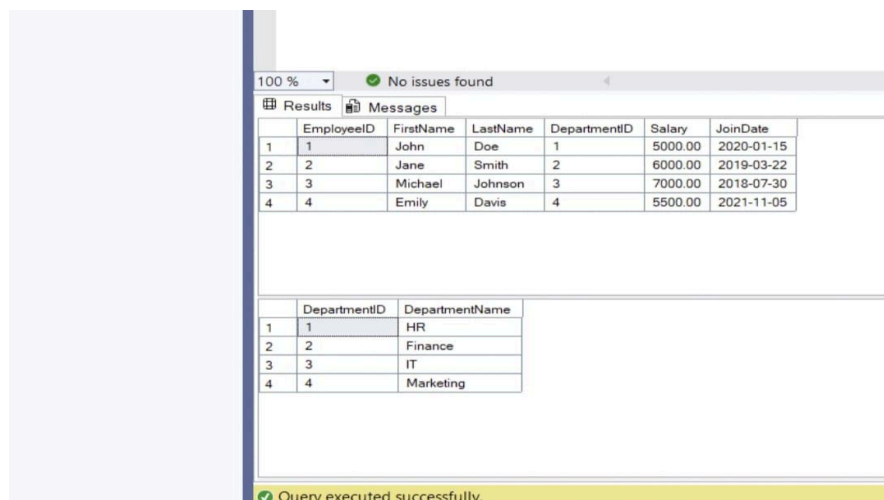
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```

```
SELECT * FROM Employees;  
SELECT * FROM Departments;
```

OUTPUT



The screenshot displays the SQL Server Enterprise Manager interface. At the top, a status bar indicates '100 %' zoom and 'No issues found'. Below this, the 'Results' pane shows two tables. The first table, 'Employees', has columns: EmployeeID, FirstName, LastName, DepartmentID, Salary, and JoinDate. It contains four rows of data. The second table, 'Departments', has columns: DepartmentID and DepartmentName. It contains four rows of data. A yellow banner at the bottom of the interface states 'Query executed successfully.'

EmployeeID	FirstName	LastName	DepartmentID	Salary	JoinDate
1	John	Doe	1	5000.00	2020-01-15
2	Jane	Smith	2	6000.00	2019-03-22
3	Michael	Johnson	3	7000.00	2018-07-30
4	Emily	Davis	4	5500.00	2021-11-05

DepartmentID	DepartmentName
1	HR
2	Finance
3	IT
4	Marketing

Query executed successfully.