TO RETURN THE TOTAL NUMBER OF EMPLOYEE

```sql
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;
```
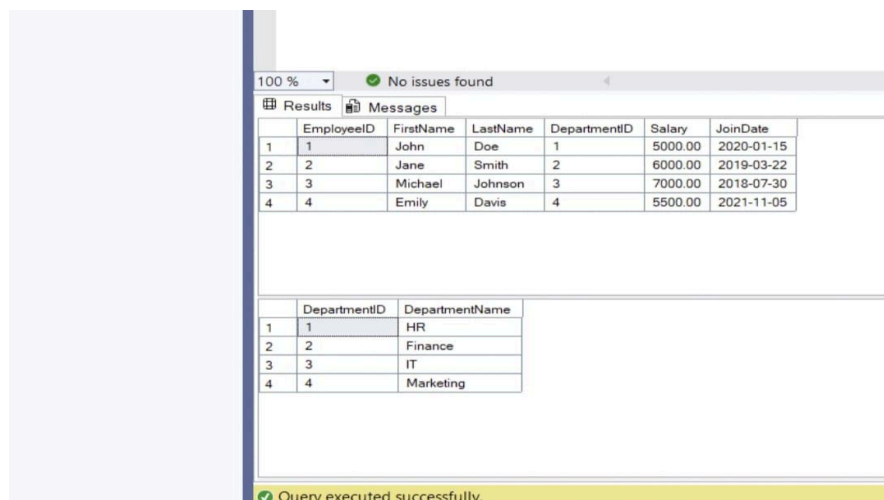
SQL QUERY

USE practice;

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);
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('Emily', 'Davis', 4, 5500.00, '2021-11-05');

SELECT * FROM Employees;
SELECT * FROM Departments;

OUTPUT

100 % ▼   ✓ No issues found

Results | Messages

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

	DepartmentID	DepartmentName
1	1	HR
2	2	Finance
3	3	IT
4	4	Marketing

✓ Query executed successfully.