

## Exercise 5: Return Data from a Stored Procedure

Goal: Create a stored procedure that returns the total number of employees in a department.

Steps:

1. Define the stored procedure with a parameter for DepartmentID.
2. Write the SQL query to count the number of employees in the specified department.
3. Save the stored procedure by executing the Stored procedure content.

### CODE:-

```
USE EmployeeManagementDB;
```

```
GO
```

```
-- Drop the procedure if it already exists
```

```
IF OBJECT_ID('sp_CountEmployeesByDepartment', 'P') IS NOT NULL
```

```
    DROP PROCEDURE sp_CountEmployeesByDepartment;
```

```
GO
```

```
-- Create the stored procedure
```

```
CREATE PROCEDURE sp_CountEmployeesByDepartment
```

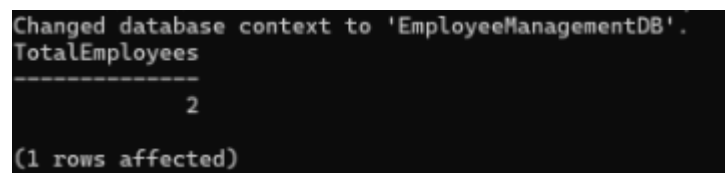
```
    @DepartmentID INT
```

```
AS
```

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

-- Test the procedure
EXEC sp_CountEmployeesByDepartment @DepartmentID = 2;
GO
```

## OUTPUT:-



```
Changed database context to 'EmployeeManagementDB'.
TotalEmployees
-----
                2
(1 rows affected)
```