

# Employee Management System - Stored Procedure Execution

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This document demonstrates the creation and execution of a stored procedure to retrieve employees by department and insert a new employee record into the Employees table.

## Stored Procedure: sp\_GetEmployeesByDepartment

```
CREATE PROCEDURE sp_GetEmployeesByDepartment  
@DeptID INT  
AS  
BEGIN  
    SELECT  
        E.EmployeeID,  
        E.FirstName,  
        E.LastName,  
        D.DepartmentName,  
        E.Salary,  
        E.JoinDate  
    FROM Employees E  
    INNER JOIN Departments D ON E.DepartmentID = D.DepartmentID  
    WHERE E.DepartmentID = @DeptID;  
END;
```

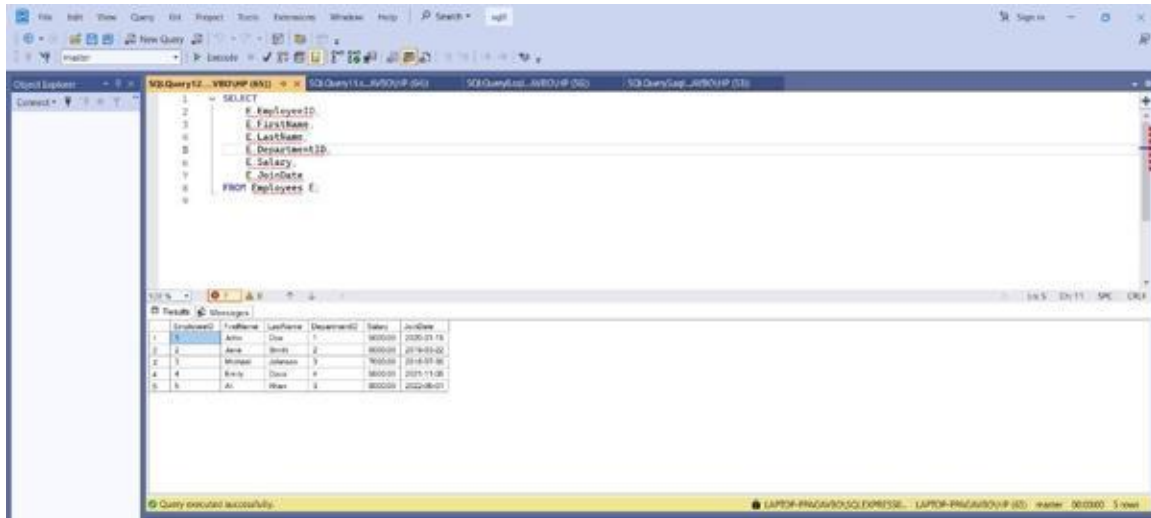
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## Procedure Execution - Insert New Employee

```
EXEC sp_InsertEmployee  
    @FirstName = 'Ayesha',  
    @LastName = 'Kumar',  
    @DepartmentID = 2,  
    @Salary = 6200.00,  
    @JoinDate = '2022-05-10';
```

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## Result in Employees Table (after SELECT \* FROM Employees)



The screenshot displays the Microsoft SQL Server Enterprise Manager interface. The 'Query' window shows a SQL query that selects all columns from the 'Employees' table. The 'Results' pane below the query window displays the data returned by the query, which consists of five rows of employee information. The status bar at the bottom indicates that the query was executed successfully.

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```
1 SELECT
2   E.EmployeeID,
3   E.FirstName,
4   E.LastName,
5   E.DepartmentID,
6   E.Salary,
7   E.HireDate
8 FROM Employees E
```

Results Messages

EmployeeID	FirstName	LastName	DepartmentID	Salary	HireDate
1	Adam	Drach	1	80000	2006-01-19
2	Jane	Smith	2	80000	2014-03-02
3	Manuel	Arborelius	3	70000	2014-01-01
4	Emily	Dean	4	80000	2015-11-08
5	Art	Warren	5	80000	2014-01-01

Query executed successfully.

LAPTOP-PAUJAW9YU\SQL-EXPRESS... LAPTOP-PAUJAW9YU\ (80) - master 00:03:00 5 rows