**Superset id:- 6363303**

**Exercise 1: Create a Stored Procedure**

**Q.1**

**1. Define the stored procedure with a parameter for DepartmentID.**

**2. Write the SQL query to select employee details based on the DepartmentID.**

**3.Create a stored procedure named `sp\_InsertEmployee`.**

**Exercise 1:- Create a Stored Procedure**

**Stored procedure with a parameter for DepartmentID**

CREATE PROCEDURE sp\_GetEmployeesByDepartment

@DepartmentID INT

AS

BEGIN

SELECT EmployeeID, FirstName, LastName, Salary, JoinDate

FROM Employees

WHERE DepartmentID = @DepartmentID;

END;

**Execute a SQL query to select employee details based on the DepartmentID:-**

EXEC sp\_GetEmployeesByDepartment @DepartmentID = 4;



**Stored procedure to insert a new employee:-**

CREATE PROCEDURE sp\_InsertEmployee

@FirstName VARCHAR(50),

@LastName VARCHAR(50),

@DepartmentID INT,

@Salary DECIMAL(10,2),

@JoinDate DATE

AS

BEGIN

INSERT INTO Employees (FirstName, LastName, DepartmentID, Salary, JoinDate)

VALUES (@FirstName, @LastName, @DepartmentID, @Salary, @JoinDate);

END;

**Exercise 4: Execute a Stored Procedure**

EXEC sp\_GetEmployeesByDepartment @DepartmentID = 2;



**Exercise 5: Return Data from a Stored Procedure**

CREATE PROCEDURE sp\_GetEmpCount

@DepartmentID INT

AS

BEGIN

SELECT COUNT(\*) AS EmployeeCount

FROM Employees

WHERE DepartmentID = @DepartmentID;

END;

EXEC sp\_GetEmpCount @DepartmentID = 3;



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