SQL

STORED PROCEDURE

EXERCISE-1: Create a Stored Procedure

1. Define the stored procedure with a parameter for DepartmentID & Write the SQL query to select employee details based on the DepartmentID.

CREATE PROCEDURE sp\_GetEmployeesByDepartment

@DeptID INT

AS

BEGIN

SELECT EmployeeID, FirstName, LastName, Salary, JoinDate

FROM Employees

WHERE DepartmentID = @DeptID;

END;

EXEC sp\_GetEmployeesByDepartment @DeptID = 3;



2. Create a stored procedure named `sp\_InsertEmployee` with the following code:

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;

EXEC sp\_InsertEmployee

@FirstName = 'Alex',

@LastName = 'Brown',

@DepartmentID = 2,

@Salary = 6200.00,

@JoinDate = '2022-04-10';