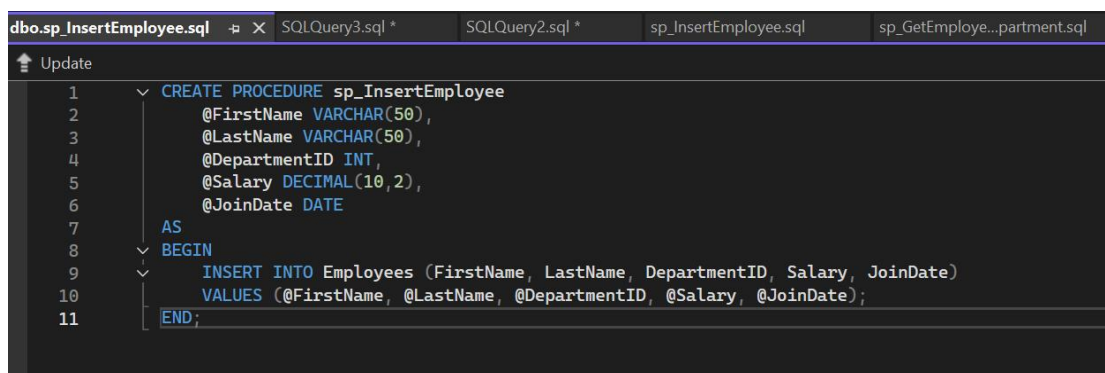# Employee Management Systems SQL Exercise

Exercise 1 : Create a Stored Procedure
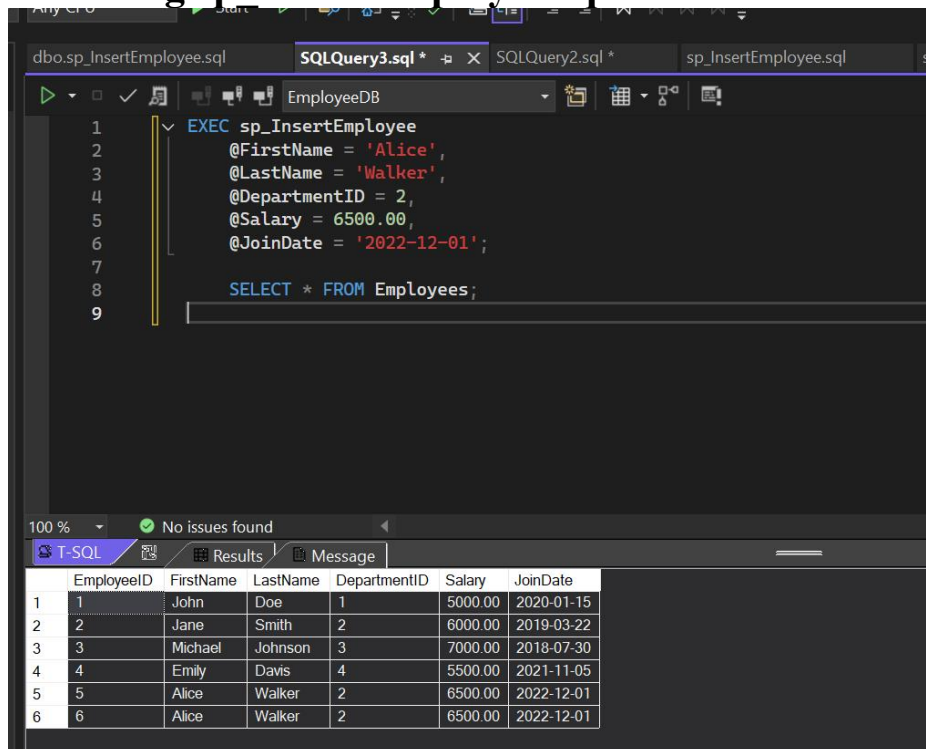
Goal: Create a stored procedure to retrieve employee details by department

1. Creating sp_InsertEmployee.sql

2. Testing sp_InsertEmployee.sql

3. Creating sp_GetEmployeeByDepartment.sql

```sql
CREATE PROCEDURE sp_GetEmployeesByDepartment
    @DepartmentID INT
AS
BEGIN
    SELECT EmployeeID, FirstName, LastName, DepartmentID, Salary, JoinDate
    FROM Employees
    WHERE DepartmentID = @DepartmentID;
END;
```

4. Testing sp_GetEmployeeByDepartment.sql

```sql
EXEC sp_GetEmployeesByDepartment @DepartmentID = 2;
```

	EmployeeID	FirstName	LastName	DepartmentID	Salary	JoinDate
1	2	Jane	Smith	2	6000.00	2019-03-22
2	5	Alice	Walker	2	6500.00	2022-12-01
3	6	Alice	Walker	2	6500.00	2022-12-01
4	7	Alice	Walker	2	6500.00	2022-12-01

Query executed successfully at 14:29:37   (localdb)\MSSQLLocalDB (15.... | ADRIJAK\KIIT (52) | Em

5. Screenshot of Stored Procedures
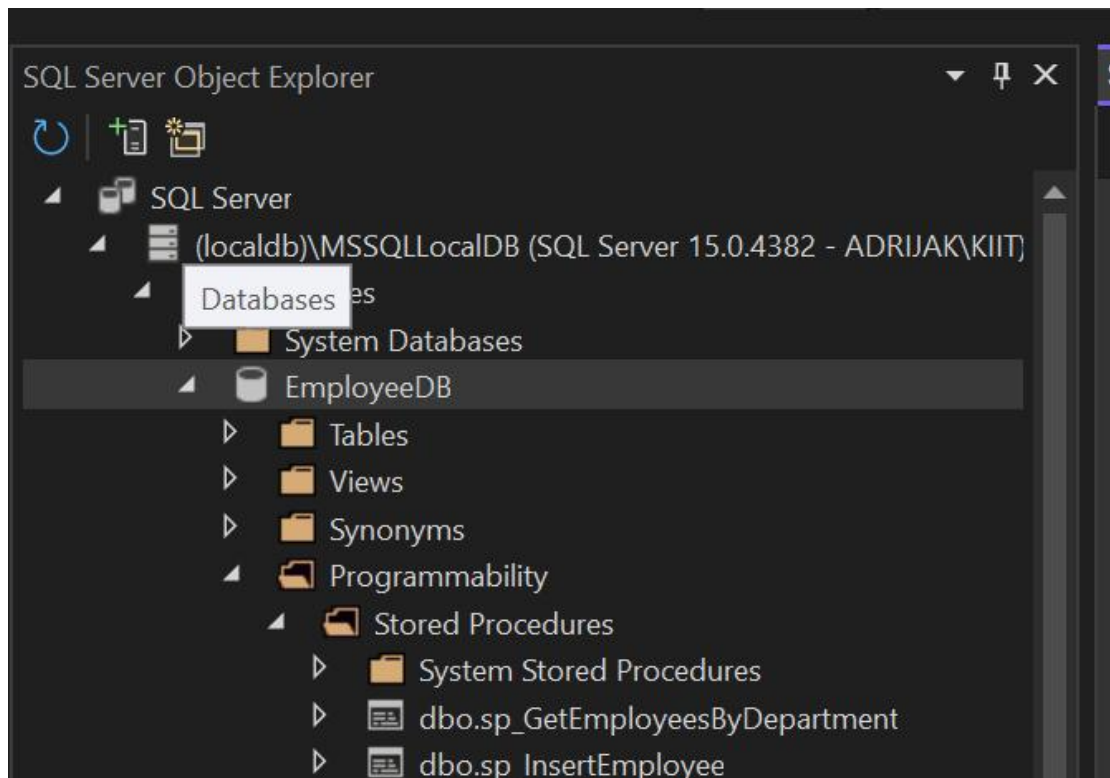
6. SELECT * FROM Employees;

SQLQuery5.sql * ⊹ ✕   SQLQuery4.sql *   dbo.sp_GetEmp...partment.sql   dbo.sp_I

▷ ▼ ☐ ✓   EmployeeDB

```
1    SELECT * FROM Employees;
```

100 % ▼   ✅ No issues found

T-SQL | Results | Message

	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
5	5	Alice	Walker	2	6500.00	2022-12-01
6	6	Alice	Walker	2	6500.00	2022-12-01
7	7	Alice	Walker	2	6500.00	2022-12-01