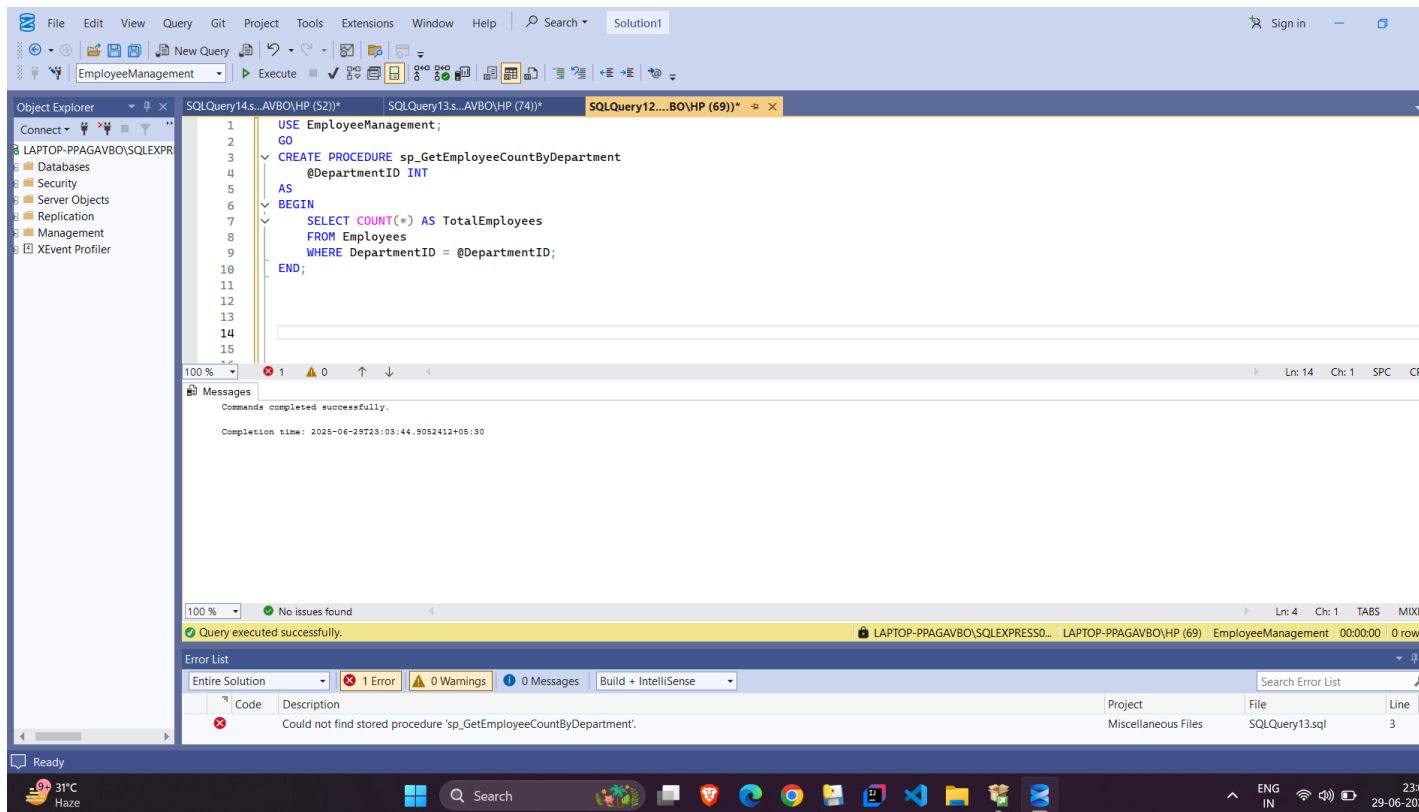## Exercise 5: Return Data from a Stored Procedure

Goal:

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

Steps:

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

Stored Procedure Definition

```
CREATE OR ALTER PROCEDURE sp_GetEmployeeCountByDepartment
    @DepartmentID INT
AS
BEGIN
    SELECT COUNT(*) AS TotalEmployees
    FROM EmployeeManagement.dbo.Employees
    WHERE DepartmentID = @DepartmentID;
END;
```

How to Execute the Stored Procedure

USE EmployeeManagement;
GO

EXEC sp_GetEmployeeCountByDepartment @DepartmentID = 3;

Output

Verification