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

-- Drop table if it exists

IF OBJECT\_ID('Employees', 'U') IS NOT NULL

DROP TABLE Employees;

GO

-- Create table

CREATE TABLE Employees (

EmpID INT PRIMARY KEY,

Name VARCHAR(50),

Department VARCHAR(50),

Salary INT

);

GO

-- Insert sample data

INSERT INTO Employees (EmpID, Name, Department, Salary) VALUES

(1, 'Alice', 'HR', 50000),

(2, 'Bob', 'IT', 70000),

(3, 'Charlie', 'IT', 80000),

(4, 'David', 'HR', 45000),

(5, 'Eva', 'IT', 60000),

(6, 'Frank', 'Finance', 90000),

(7, 'Grace', 'Finance', 85000),

(8, 'Hannah', 'HR', 50000);

GO

-- Drop stored procedure if exists

IF OBJECT\_ID('GetTopEarners', 'P') IS NOT NULL

DROP PROCEDURE GetTopEarners;

GO

-- Create stored procedure

CREATE PROCEDURE GetTopEarners

AS

BEGIN

-- Return top earners in each department

SELECT

EmpID,

Name,

Department,

Salary

FROM (

SELECT \*,

RANK() OVER (PARTITION BY Department ORDER BY Salary DESC) AS DeptRank

FROM Employees

) AS Ranked

WHERE DeptRank = 1;

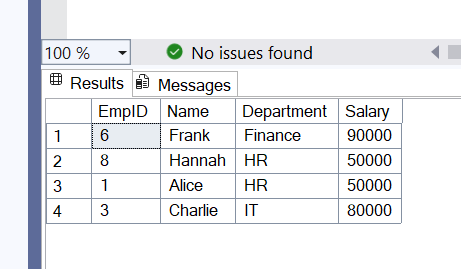
END;

GO

-- Execute stored procedure (returns single table output)

EXEC GetTopEarners;

**Output**

****