Exercise 1: Create a Stored Procedure :

-- Step 1: Creating Database

CREATE DATABASE CollegeDB;

GO

USE CollegeDB;

GO

-- Step 2: Creating Students Table

CREATE TABLE Students (

StudentID INT PRIMARY KEY,

StudentName VARCHAR(100),

Department VARCHAR(50),

Marks INT

);

GO

-- Step 3: Inserting 15 Student Records

INSERT INTO Students (StudentID, StudentName, Department, Marks) VALUES

(1, 'Manideep', 'CSE', 85),

(2, 'Kavya', 'CSE', 88),

(3, 'Shashi', 'CSE', 85),

(4, 'Praveen', 'ECE', 90),

(5, 'Saikumar', 'ECE', 92),

(6, 'Rahul', 'ECE', 90),

(7, 'Siddu', 'IT', 80),

(8, 'Rohit', 'IT', 82),

(9, 'Raviteja', 'IT', 80),

(10, 'Bhanu', 'IT', 78),

(11, 'Sankeerthana', 'EEE', 89),

(12, 'Akshaya', 'EEE', 87),

(13, 'Jyothi', 'EEE', 89),

(14, 'Mallaiah', 'EEE', 84),

(15, 'Rama', 'EEE', 81);

GO

-- Step 4: Creating Stored Procedure to Get Students by Department

CREATE PROCEDURE GetStudentsByDepartment

@DeptName VARCHAR(50)

AS

BEGIN

SELECT StudentID, StudentName, Department, Marks

FROM Students

WHERE Department = @DeptName;

END;

GO

-- Step 5: Executing the Stored Procedure

EXEC GetStudentsByDepartment @DeptName = 'EEE';

GO

Output:

