Implement SQL Stored Procedures: CRUD Operation
From the above given tables perform the following queries:

PART - B

4. Create a stored procedure that takes branch as input and returns a table with all the students studying in that department.

    ```sql
    CREATE PROCEDURE pr_GetStudentsByBranch
        @Branch VARCHAR(50)
    AS
    BEGIN
        -- Select all students from the specified branch
        SELECT RNo,
                Name,
                Branch
        FROM Student
        WHERE Student.Branch = @Branch;
    END;

    EXEC pr_GetStudentsByBranch 'CE'
    ```

5. Create a stored procedure to display Rno, Name and SPI of first 2 students only.

    ```sql
    CREATE PROCEDURE pr_GetStudentDetail
    AS
    BEGIN
    SELECT TOP 2 Student.RNo,
            Student.Branch,
            Result.SPI
    FROM Student
    INNER JOIN Result
    on Student.RNo = Result.RNo
    END

    EXEC pr_GetStudentDetail
    ```

PART - C

6. Create a stored procedure which displays top 5 students based on SPI in descending order.

    ```sql
    CREATE PROCEDURE pr_TopStudentWithSPI
    AS
    BEGIN
    SELECT TOP 5 Student.RNo,
    ```

```
            Student.Name,
            Student.Branch,
            Result.SPI
FROM Student INNER JOIN Result
on Student.RNo = Result.RNo
ORDER BY SPI DESC
END


EXEC pr_TopStudentWithSPI
```

7. Create a stored procedure which displays branch wise maximum and minimum SPI.

```
CREATE PROCEDURE pr_BranchwiseMaxMinSPI
AS
BEGIN
        SELECT Student.Branch,
        Max(Result.SPI) AS Max_SPI ,
        MIN(Result.SPI) AS Min_SPI
FROM Student INNER JOIN Result
on Student.RNo = Result.RNo
GROUP BY Student.Branch
END
```