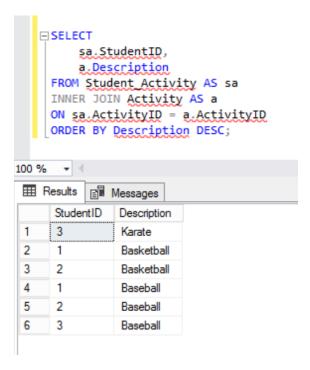
Video Activity 2 Mariyum Noor

## MIS 4330 Video Activity – Week 2

1. Show StudentID and the Description of the activities he or she is involved with. Arrange by Description from Z to A.



2. Show me the LockerNumber for the student that won the AwardID one.

```
□ SELECT
          LockerNumber
     FROM Student Award AS sa
     INNER JOIN Gym locker AS ga
     ON sa.StudentID = ga.StudentID
     WHERE sa.AwardID = 1;
100 %

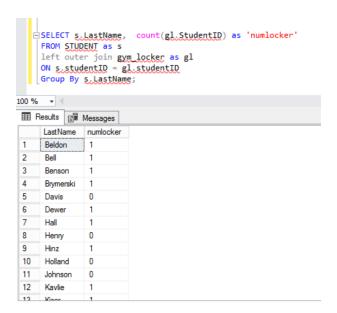
    ⊞ Results

    Messages

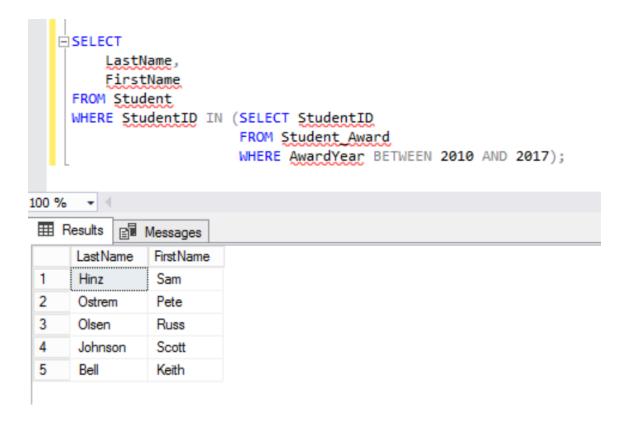
      LockerNumber
 1
      224
 2
      225
 3
      228
```

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3.



4. Show me students' last and first name that received an award from 2010 to 2017.



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5. Write an SQL query that shows the Risk and List Price of activities that the student with the last name 'Hinz' participates in.

```
SELECT
         Risk,
         ListPrice
     FROM Activity
     WHERE ActivityID IN (SELECT ActivityID
                          FROM Student Activity
                          WHERE StudentID IN (SELECT StudentID
                          FROM Student
                          WHERE LastName = 'Hinz'));
100 % - <
 Ⅲ Results

    Messages

     Risk
           ListPrice
     3
           35.00
 2
           50.00
```

6. After reading pages 106 and 107, write the code needed to create a table of numbers from 1 to 10,000.

```
CREATE TABLE dbo.Digits(digit INT NOT NULL PRIMARY KEY);

INSERT INTO dbo.Digits(digit)

VALUES (0), (1), (2), (3), (4), (5), (6), (7), (8), (9);

SELECT D4.digit * 1000 + D3.digit * 100 + D2.digit * 10 + D1.digit + 1 AS Number FROM dbo.Digits AS D1

CROSS JOIN dbo.Digits AS D2

CROSS JOIN dbo.Digits AS D3

CROSS JOIN dbo.Digits AS D4

ORDER BY Number;
```