**Join Queries:**

1. Make a list of students and the instruments they learn. (Natural Join)
2. Find the number of students learning piano in each class.
3. List the students who have not yet chosen an instrument. (No match)
4. Make a checking list of students and the instruments they learn. The list should also contain the students without an instrument. (Outer Join)
5. List the pair of students from the same class (without any repetitions of the pairs). (Hint: Inner Join the Student table with itself)

**Join Queries Syntaxes:**

**Simple Join (Cross Join):**

SELECT \*

FROM Student, Music

**INNER JOIN (Equi Join):**

***Option1:***

SELECT s.Id, fUllName, Type

FROM Student s INNER JOIN Music m on s.Id = m.Id

***Option 2:***

SELECT s.ID, FullName, Type

FROM Student s, Music m

WHERE s.Id = m.ID

**Left Join**

***Option 1:***

SELECT s.Id, FullName, Type

FROM Student s LEFT JOIN Music m ON s.id = m.id

***Option 2:***

SELECT s.ID, FullName, Type

FROM Student s, Music m

WHERE s.Id = m.Id

UNION

Select ID, FullName, “”

FROM Student

WHERE ID NOT IN (SELECT ID FROM Music)

**RIGHT Join**

SELECT s.Id, FullName, Type

FROM Student s RIGHT JOIN Music m ON s.id = m.id

**FULL JOIN**

SELECT s.Id, FullName, Type

FROM Student s LEFT JOIN Music m ON s.id = m.id

UNION

SELECT s.Id, FullName, Type

FROM Student s RIGHT JOIN Music m ON s.id = m.id