

```
use 10kcoders;
CREATE TABLE Students (
    student_id INT PRIMARY KEY,
    name VARCHAR(40),
    class INT
);
```

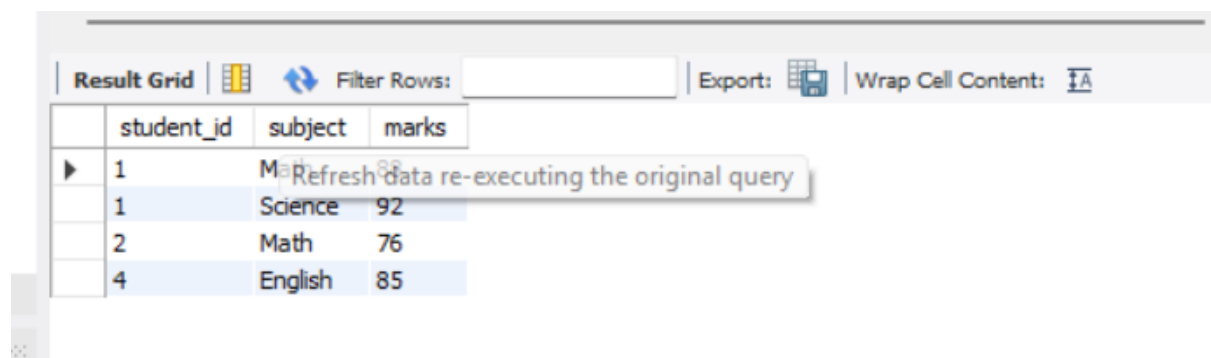
```
INSERT INTO Students VALUES
(1, 'Rohan', 10),
(2, 'Meena', 9),
(3, 'Kabir', 10),
(4, 'Sana', 8);
```

```
CREATE TABLE Marks (
    student_id INT,
    subject VARCHAR(40),
    marks INT
);
```

```
INSERT INTO Marks VALUES
(1, 'Math', 88),
(1, 'Science', 92),
(2, 'Math', 76),
(4, 'English', 85);
```

```
select *from students;
select * from marks;
```

```
-- Write a query to display student name, subject, and marks using an INNER JOIN.
select name , subject from students inner join marks on students.student_id =
marks.student_id;
```



The screenshot shows a database interface with a 'Result Grid' tab. The grid displays the results of an inner join query between the 'Students' and 'Marks' tables. The columns are 'student_id', 'subject', and 'marks'. The data is as follows:

student_id	subject	marks
1	Math	88
1	Science	92
2	Math	76
4	English	85

A tooltip 'Refresh data re-executing the original query' is visible over the table.

-- Write a query to show all students and their marks using a LEFT JOIN.

```
select * from students left join marks on students.student_id = marks.student_id;
```

Result Grid						
	student_id	name	class	student_id	subject	marks
▶	1	Rohan	10	1	Science	92
	1	Rohan	10	1	Math	88
	2	Meena	9	2	Math	76
	3	Kabir	10	NULL	NULL	NULL
	4	Sana	8	4	English	85

-- Write a query to show all marks entries along with student names using a RIGHT JOIN.

```
select name,marks from students right join marks on students.student_id = marks.student_id;
```

Result Grid		
	name	marks
▶	Rohan	88
	Rohan	92
	Meena	76
	Sana	85

```
select name,marks from students left join marks on students.student_id = marks.student_id
union
```

```
select name,marks from students right join marks on students.student_id = marks.student_id;
```

Result Grid		
	name	marks
▶	Rohan	92
	Rohan	88
	Meena	76
	Kabir	NULL
	Sana	85

-- Write a query to list students who scored more than 80 marks using a JOIN.

```
select name,marks from students right join marks on students.student_id = marks.student_id
where marks > 80;
```

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



	name	marks
▶	Rohan	88
	Rohan	92
	Sana	85