Placements ⭐

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✕

| Problem | Submissions | Leaderboard |

You are given three tables: Students, Friends and Packages. Students contains two columns: ID and Name. Friends contains two columns: ID and Friend_ID (ID of the ONLY best friend). Packages contains two columns: ID and Salary (offered salary in $ thousands per month).

Column	Type
ID	Integer
Name	String

Students

Column	Type
ID	Integer
Friend_ID	Integer

Friends

Column	Type
ID	Integer
Salary	Float

Packages

Write a query to output the names of those students whose best friends got offered a higher salary than them. Names must be ordered by the salary amount offered to the best friends. It is guaranteed that no two students got same salary offer.

Sample Input

ID	Friend_ID
1	2
2	3
3	4
4	1

Friends

ID	Name
1	Ashley
2	Samantha
3	Julia
4	Scarlet

Students

ID	Salary
1	15.20
2	10.06
3	11.55
4	12.12

Packages

Sample Output

```
Samantha
Julia
Scarlet
```

Explanation

See the following table:

ID	1	2	3	4
Name	Ashley	Samantha	Julia	Scarlet
Salary	15.20	10.06	11.55	12.12
Friend ID	2	3	4	1
Friend Salary	10.06	11.55	12.12	15.20

Now,

- Samantha's best friend got offered a higher salary than her at 11.55
- Julia's best friend got offered a higher salary than her at 12.12
- Scarlet's best friend got offered a higher salary than her at 15.2
- Ashley's best friend did NOT get offered a higher salary than her

The name output, when ordered by the salary offered to their friends, will be:

- Samantha
- Julia
- Scarlet

Current Buffer (saved locally, editable)

MySQL

```
1   select s.Name
2   from Students s
3   inner join Friends f on(s.ID=f.ID)
4   inner join Packages p on (p.ID=s.ID)
5   inner join Packages p1 on(f.Friend_ID=p1.ID)
6   where p.Salary<p1.Salary order by p1.Salary
```

Line: 6 Col: 44

⬆ Upload Code as File

Run Code   **Submit Code**

You have earned 40.00 points!

You are now 40 points away from the 1st star for your sql badge.

50%   40/80

Congratulations

You solved this challenge. Would you like to challenge your friends?

Next Challenge

| 1 | **INPUT** |

✓ **Test case 0**

Expected Output   Download

1	Stuart
2	Priyanka
3	Paige
4	Jane
5	Julia
6	Belvet
7	Amina
8	Kristeen
9	Scarlet
10	Priya
11	Meera

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