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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	Туре
ID	Integer
Name	String

Students

Column	Туре	
ID	Integer	
Friend_ID	Integer	

Friends

Column	Туре	
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:

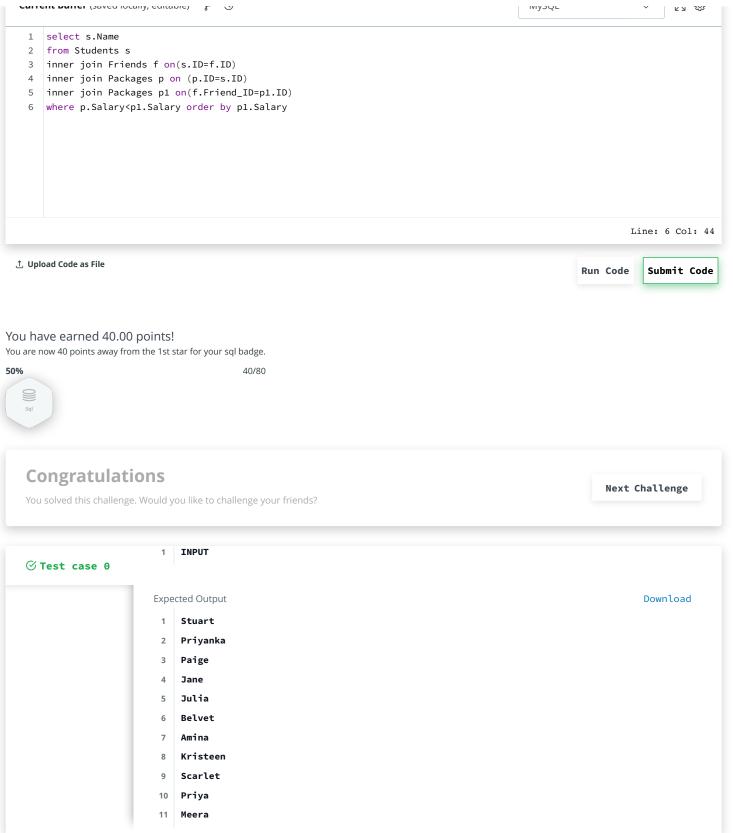
ID	1	2	3	4
Name	Ashley	Samantha	Julia	Scarlet
Salary	15.20	10.06	11.55	12.12
Friend ID	2	3	4	1
Friend Salary	10.06	11.55	12.12	15.20

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



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