Hexaware Coding Challenge Plan **Day – 12**
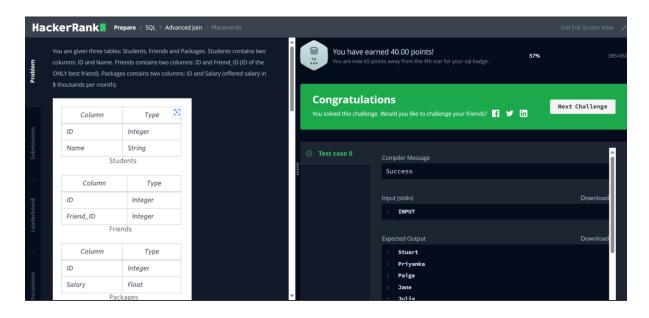
Problem - 1 Select

Problem - 2 Join

Problem - 3 Join

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

You have earned 40.00 points!
You are now 65 points away from the 4th star for your sql badge.   57%   385/450

Congratulations
You solved this challenge. Would you like to challenge your friends? 🇫 🐦 in   Next Challenge

⊘ **Test case 0**

Compiler Message

Success

Input (stdin)   Download
1   INPUT

Expected Output   Download
1   Stuart
2   Priyanka
3   Paige
4   Jane
5   Julia

Problem - 4 Join

You are given a table, Functions, containing two columns: X and Y.

Column	Type
X	Integer
Y	Integer

Two pairs (X_1, Y_1) and (X_2, Y_2) are said to be symmetric pairs if $X_1 = Y_2$ and $X_2 = Y_1$.

Write a query to output all such symmetric pairs in ascending order by the value of X. List the rows such that $X_1 \le Y_1$.

Sample Input

X	Y
20	20
20	20
20	21
23	22
22	23

You have earned 40.00 points!
You are now 25 points away from the 4th star for your sql badge.   83%   425/450

Congratulations
You solved this challenge. Would you like to challenge your friends? 🇫 🐦 in   Next Challenge

⊘ **Test case 0**

Success

Input (stdin)   Download
1   INPUT

Expected Output   Download
1   2 24
2   4 22
3   5 21
4   6 20
5   8 18
6   9 17
7   11 15

Problem - 5 Join

Problem

Samantha interviews many candidates from different colleges using coding challenges and contests. Write a query to print the contest_id, hacker_id, name, and the sums of total_submissions, total_accepted_submissions, total_views, and total_unique_views for each contest sorted by contest_id. Exclude the contest from the result if all four sums are 0.

Note: A specific contest can be used to screen candidates at more than one college, but each college only holds 1 screening contest.

Input Format

The following tables hold interview data:

- Contests: The contest_id is the id of the contest, hacker_id is the id of the hacker who created the contest, and name is the name of the hacker.

Column	Type
contest_id	Integer
hacker_id	Integer
name	String

- Colleges: The college_id is the id of the college, and contest_id is the id of the contest that Samantha used to screen the candidates.

You have earned 50.00 points!
You are now 175 points away from the gold level for your sql badge.   13%   475/650

Congratulations

You solved this challenge. Would you like to challenge your friends? [f] [t] [in]   **Next Challenge**

⊘ **Test case 0**

Compiler Message

Success

Input (stdin)   Download

1   INPUT

Expected Output   Download

1   845 579 Rose 1987 580 1635 566
2   858 1053 Angela 703 160 1002 384
3   883 1055 Frank 1121 319 1217 338
4   1793 2655 Patrick 1337 360 1216 412