

2004. The Number of Seniors and Juniors to Join the Company Premium

Hard Topics Companies

SQL Schema > Pandas Schema >

Table: Candidates

Column Name	Type
employee_id	int
experience	enum
salary	int

employee_id is the column with unique values for this table.
experience is an ENUM (category) type of values ('Senior', 'Junior').
Each row of this table indicates the id of a candidate, their monthly salary, and their experience.

A company wants to hire new employees. The budget of the company for the salaries is \$70000. The company's criteria for hiring are:

- Hiring the largest number of seniors.
- After hiring the maximum number of seniors, use the remaining budget to hire the largest number of juniors.

Write a solution to find the number of seniors and juniors hired under the mentioned criteria.

Return the result table in **any order**.

The result format is in the following example.

Example 1:

Input:

Candidates table:

employee_id	experience	salary
1	Junior	10000
9	Junior	10000
2	Senior	20000
11	Senior	20000
13	Senior	50000
4	Junior	40000

Output:

experience	accepted_candidates
Senior	2
Junior	2

Explanation:

We can hire 2 seniors with IDs (2, 11). Since the budget is \$70000 and the sum of their salaries is \$40000, we still have \$30000 but they are not enough to hire the senior candidate with ID 13.

We can hire 2 juniors with IDs (1, 9). Since the remaining budget is \$30000 and the sum of their salaries is \$20000, we still have \$10000 but they are not enough to hire the junior candidate with ID 4.

Example 2:

Input:

Candidates table:

employee_id	experience	salary
1	Junior	10000
9	Junior	10000
2	Senior	80000
11	Senior	80000
13	Senior	80000
4	Junior	40000

Output:

experience	accepted_candidates
Senior	0
Junior	3

Explanation:

We cannot hire any seniors with the current budget as we need at least \$80000 to hire one senior.
We can hire all three juniors with the remaining budget.

Seen this question in a real interview before? 1/5

Yes No

Accepted 9.1K | Submissions 20.7K | Acceptance Rate 43.7%

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