👍 21   👎 6

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196. Delete Duplicate Emails

🖽 Description	💡 Hints	🗏 Submissions	💬 Discuss	⚗ Solution

🗏 Notes

💬 Discuss (https://discuss.leetcode.com/category/204)   ⤬ Pick One (/problems/random-one-question/)

Write a SQL query to delete all duplicate email entries in a table named `Person`, keeping only unique emails based on its *smallest* **Id**.

```
+----+------------------+
| Id | Email            |
+----+------------------+
| 1  | john@example.com |
| 2  | bob@example.com  |
| 3  | john@example.com |
+----+------------------+
Id is the primary key column for this table.
```

For example, after running your query, the above `Person` table should have the following rows:

```
+----+------------------+
| Id | Email            |
+----+------------------+
| 1  | john@example.com |
| 2  | bob@example.com  |
+----+------------------+
```

Seen this question in a real interview before?   Yes   No   ⊗

Subscribe (/subscribe/) to see which companies asked this question.

MySQ ▾   ↻   🗏   eclips ▾

```
1   # Write your MySQL query statement below
2
3   delete psolo from Person psolo inner join Person pjoin
4       where psolo.Email = pjoin.Email and psolo.Id > pjoin.Id
5
6
```

☐ **Custom Testcase** (**Contribute** ❶)

❓   ▶ Run Code   ☁ Submit Solution

✉ Send Feedback (mailto:admin@leetcode.com?subject=Feedback)
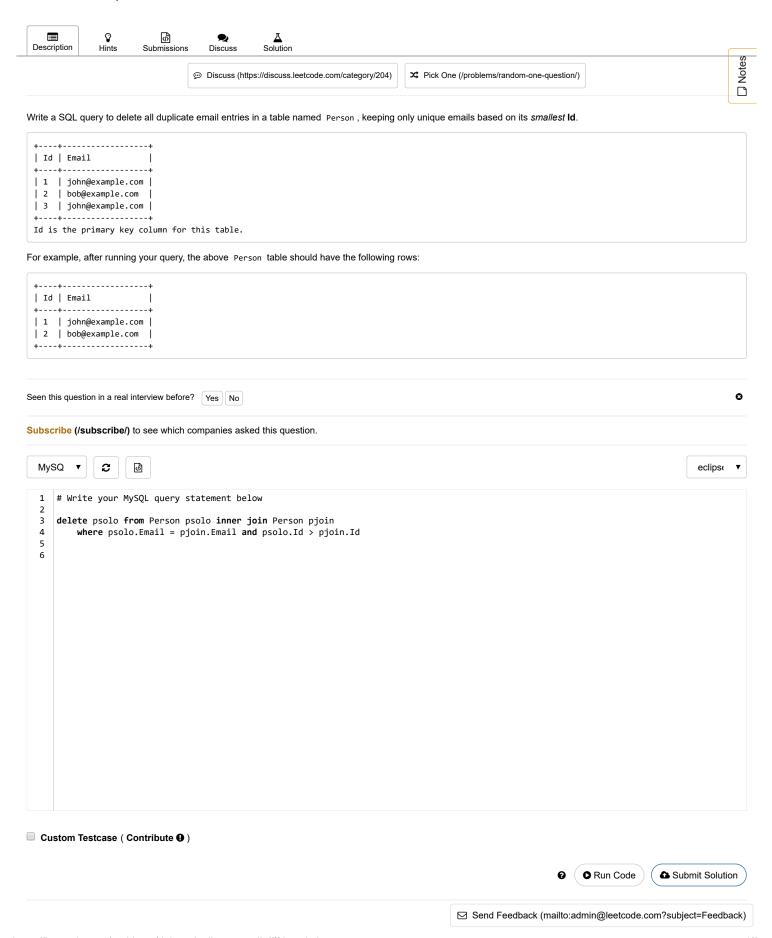
Submission Result: Accepted (/submissions/detail/110578552/)❓   More Details ❯ (/submissions/detail/110578552/)

Next challenges:

Friend Requests I: Overall Acceptance Rate (/problems/friend-requests-i-overall-acceptance-rate)   Shortest Distance in a Line (/problems/shortest-distance-in-a-line)   Swap Salary (/problems/swap-salary)

Share your acceptance!

2

Check out our solution!   Reveal Solution ❯ (/articles/delete-duplicate-emails/)   📄 Notes

Run Code Status: Finished

Run Code Result: ✕

Your input

```
{"headers": {"Person": ["Id", "Email"]}, "rows": {"Person": [[1, "john@example.com"], [2, "bob@example.com"], [3, "john@example.com"]]}}
```

Your answer

```
{"headers": ["Id", "Email"], "values": [[1, "john@example.com"], [2, "bob@example.com"]]}
```

Expected answer

```
{"headers": ["Id", "Email"], "values": [[1, "john@example.com"], [2, "bob@example.com"]]}
```

Show Diff

Runtime: 91 ms

Note: is Run Code inconsistent with Submit Solution? If you are using global variables or C/C++, check this (/faq/#different-output) out.

Difficulty:	Easy
Total Accepted:	27.8K
Total Submissions:	137.6K
Contributor:	LeetCode

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