Write a SQL query to **delete** all duplicate email entries in a table named **Person**, keeping only unique

```
| 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:
```

+---+

Your output is the whole Person table after executing your sql. Use delete statement.

Solution

emails based on its smallest Id.

```
Algorithm
```

Approach: Using DELETE and WHERE clause [Accepted]

By joining this table with itself on the *Email* column, we can get the following code.

SELECT p1.*

```
FROM Person p1,
Person p2
WHERE
p1.Email = p2.Email
;

Then we need to find the bigger id having same email address with other records. So we can add a new condition to the WHERE clause like this.
```

FROM Person p1,

```
WHERE

p1.Email = p2.Email AND p1.Id > p2.Id

;

As we already get the records to be deleted, we can alter this statement to DELETE in the end.
```

DELETE p1 FROM Person p1,

Person p2 WHERE

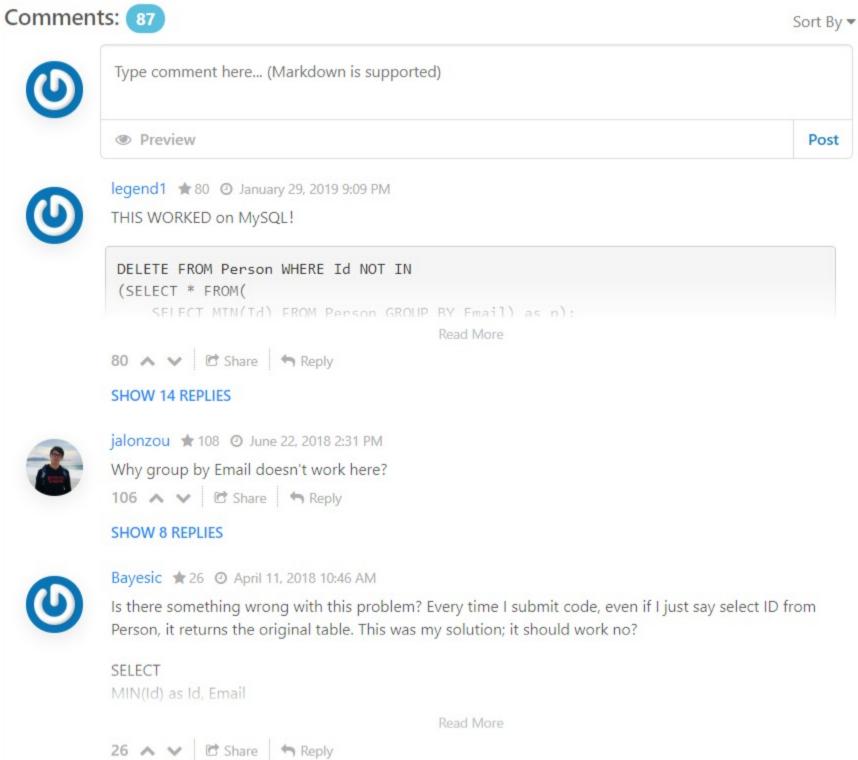
O Previous

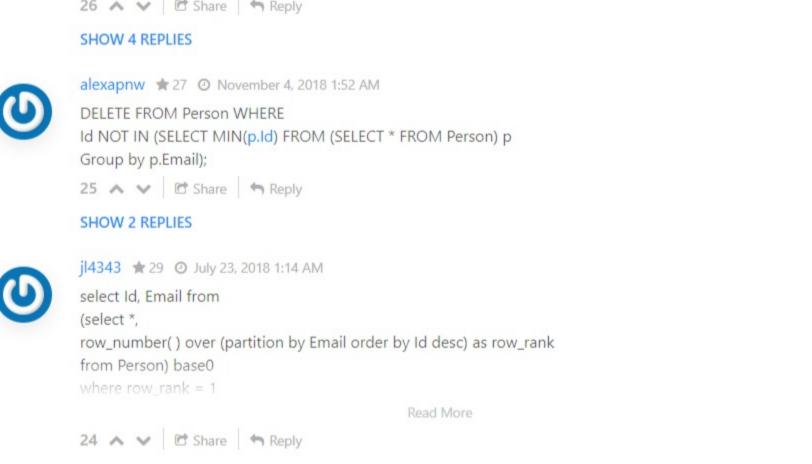
MySQL

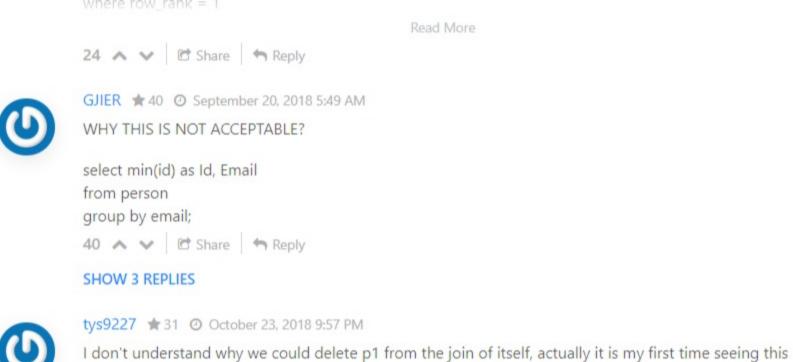
```
p1.Email = p2.Email AND p1.Id > p2.Id

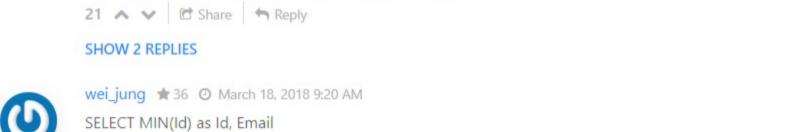
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```

Next **1**









format. How does this work exactly? And the condition p1.ld > p2.ld can only rule out the dual

FROM Person GROPY BY Email
; 36 A V C Share Reply
luoanfast000 ★ 38 ② March 31, 2019 2:36 AM

SELECT MIN(id)	
FROM Person	
Group by Email)	
	Read More
14 ∧ ∨ ♂ Share ← Reply	
SHOW 2 REPLIES	

a.shoaibsbox * 11 ② July 15, 2018 4:09 AM

(123456 ... 89)

DELETE FROM Person WHERE ID NOT IN (

duplicates, it wouldn't apply to

the case where there were more than 2 duplicates, right?



9 A V C Share Share