



# LeetCode

*50 Days 50 SQL Questions*  
*Work In Progress*

**Day 49/50**

***49. Find Users with  
Valid Emails***





# *50 Days 50 SQL Questions*

## *Work In Progress*

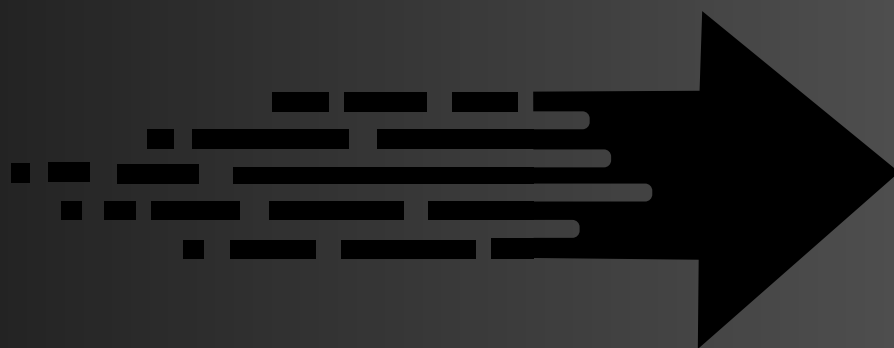
# *Question*

Write a solution to find the users who have **valid emails**.

A valid e-mail has a prefix name and a domain where:

- **The prefix name** is a string that may contain letters (upper or lower case), digits, underscore `'_'`, period `'.'`, and/or dash `'-'`. The prefix name **must** start with a letter.
- **The domain** is `'@leetcode.com'`.

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





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# *Table*

**Input:**

Users table:

user_id	name	mail
1	Winston	winston@leetcode.com
2	Jonathan	jonathanisgreat
3	Annabelle	bella-@leetcode.com
4	Sally	sally.come@leetcode.com
5	Marwan	quarz#2020@leetcode.com
6	David	david69@gmail.com
7	Shapiro	.shapo@leetcode.com





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# *Approach*

Used REGEXP to match the reqd. pattern. `^[a-zA-Z]` matches the first character to be alphabet, `[a-zA-Z0-9_.-]*` combination of diff things can be there and then `@leetcode[.]com$` ensures that the domain name should be this. `$` indicates the end of string.





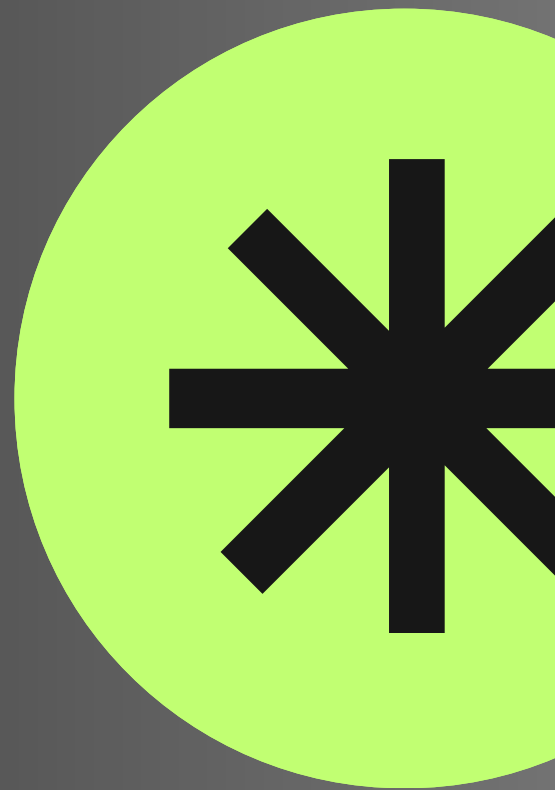
# *50 Days 50 SQL Questions*

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# *Query*

MySQL   Auto

```
1  SELECT *  
2  FROM Users  
3  WHERE mail REGEXP '^[a-zA-Z][a-zA-Z0-9_.-]*@leetcode[.]com$';
```





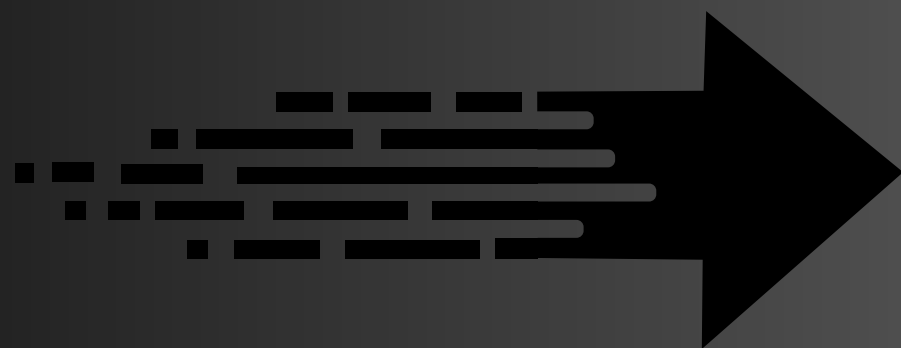
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# *Output*

**Output:**

user_id	name	mail
1	Winston	winston@leetcode.com
3	Annabelle	bella-@leetcode.com
4	Sally	sally.come@leetcode.com





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*Thank You :)*

