

## 2228. Users With Two Purchases Within Seven Days Premium

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Table: `Purchases`

Column Name	Type
<code>purchase_id</code>	<code>int</code>
<code>user_id</code>	<code>int</code>
<code>purchase_date</code>	<code>date</code>

`purchase_id` contains unique values.  
This table contains logs of the dates that users purchased from a certain retailer.

Write a solution to report the IDs of the users that made any two purchases **at most** 7 days apart.

Return the result table ordered by `user_id`.

The result format is in the following example.

### Example 1:

**Input:**  
Purchases table:

purchase_id	user_id	purchase_date
4	2	2022-03-13
1	5	2022-02-11
3	7	2022-06-19
6	2	2022-03-20
5	7	2022-06-19
2	2	2022-06-08

**Output:**

user_id
2
7

**Explanation:**  
User 2 had two purchases on 2022-03-13 and 2022-03-20. Since the second purchase is within 7 days of the first purchase, we add their ID.  
User 5 had only 1 purchase.  
User 7 had two purchases on the same day so we add their ID.

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

Yes No

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