DataLemur

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User Shopping Sprees

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In an effort to identify high-value customers, Amazon asked for your help to obtain data about users who go on shopping sprees. A shopping spree occurs when a user makes purchases on 3 or more consecutive days.

List the user IDs who have gone on at least 1 shopping spree in ascending order.

`transactions` **Table:**

Column Name	Type
user_id	integer
amount	float
transaction_date	timestamp

`transactions` **Example Input:**

user_id	amount	transaction_date
1	9.99	08/01/2022 10:00:00
1	55	08/17/2022 10:00:00
2	149.5	08/05/2022 10:00:00
2	4.89	08/06/2022 10:00:00
2	34	08/07/2022 10:00:00

Example Output:

user_id
2

Explanation

In this example, `user_id` 2 is the only one who has gone on a shopping spree.

```
1  SELECT DISTINCT t.user_id FROM transactions t
2  INNER JOIN
3  transactions t1 ON DATE(t1.transaction_date) = DATE(t.transaction_date) + 1
4  INNER JOIN
5  transactions t2 ON DATE(t2.transaction_date)=DATE(t.transaction_date) + 2
6  ORDER BY t.user_id;
```