Write a query to return the account no and transaction date when the account balance reached 1000 Please include only those accounts whose balance currently is >= 1000

		Input	
account_no	transaction_date	transaction_type	transaction_amount
acc_1	20-01-2022	credit	100
acc_1	21-01-2022	credit	500
acc_1	22-01-2022	credit	300
acc_1	23-01-2022	credit	200
acc_2	20-01-2022	credit	500
acc_2	21-01-2022	credit	1100
acc_2	22-01-2022	debit	1000
acc_3	20-01-2022	credit	1000
acc_4	20-01-2022	credit	1500
acc_4	21-01-2022	debit	500
acc_5	20-01-2022	credit	900

Output			
account_no	transaction_date		
acc_1	23-01-2022		
acc_3	20-01-2022		
acc_4	20-01-2022		

```
WITH transaction amount AS (
 4
         SELECT *,
5
         CASE
6
             WHEN transaction type = 'debit' THEN transaction amount \star -1
7
             ELSE transaction amount END AS updated transaction amount
8
         FROM account balance), -- Updated Trsansaction amount for crdit & debit
9
         Account balance AS (
10
         SELECT
11
         account no, transaction date, updated transaction amount,
         SUM(updated transaction amount) OVER (PARTITION BY account no ORDER BY transaction date)
12
13
         AS cuur account bal, -- 1. Create cumulative account balance AS Current account balance
         SUM (updated transaction amount) OVER (PARTITION BY account no ORDER BY transaction date
14
                                               RANGE BETWEEN UNBOUNDED PRECEDING AND UNBOUNDED FOLLOWING)
15
16
         AS final bal, -- 2. Create Final balance After last transaction using frame cluse
17
         CASE WHEN SUM (updated transaction amount) OVER (PARTITION BY account no ORDER BY transaction date)>=1000
             THEN 1 ELSE 0 END AS acc flag -- 3. Create flag when account balance reached >=1000
18
19
         FROM transaction amount)
20
         SELECT account no , MIN(transaction date) AS transaction date FROM Account balance
21
         WHERE final bal >= 1000
22
                 AND acc flag = 1
23
         GROUP BY account no;
24
25
```

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