Easy

Table: Customers

```
+---------------+---------+
| Column Name   | Type    |
+---------------+---------+
| customer_id   | int     |
| name          | varchar |
| country       | varchar |
+---------------+---------+
```
customer_id is the column with unique values for this table.
This table contains information about the customers in the company.

Table: Product

```
+---------------+---------+
| Column Name   | Type    |
+---------------+---------+
| product_id    | int     |
| description   | varchar |
| price         | int     |
+---------------+---------+
```
product_id is the column with unique values for this table.
This table contains information on the products in the company.
price is the product cost.

Table: Orders

```
+---------------+---------+
| Column Name   | Type    |
+---------------+---------+
| order_id      | int     |
| customer_id   | int     |
| product_id    | int     |
| order_date    | date    |
| quantity      | int     |
+---------------+---------+
```
order_id is the column with unique values for this table.
This table contains information on customer orders.
customer_id is the id of the customer who bought "quantity" products with id "product_id".
Order_date is the date in format ('YYYY-MM-DD') when the order was shipped.

Write a solution to report the customer_id and customer_name of customers who have spent at least $100 in each month of **June and July 2020**.

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

The result format is in the following example.

Example 1:

Input:
Customers table:
```
+-------------+-----------+-------------+
```

customer_id	name	country
1	Winston	USA
2	Jonathan	Peru
3	Moustafa	Egypt

Product table:

product_id	description	price
10	LC Phone	300
20	LC T-Shirt	10
30	LC Book	45
40	LC Keychain	2

Orders table:

order_id	customer_id	product_id	order_date	quantity
1	1	10	2020-06-10	1
2	1	20	2020-07-01	1
3	1	30	2020-07-08	2
4	2	10	2020-06-15	2
5	2	40	2020-07-01	10
6	3	20	2020-06-24	2
7	3	30	2020-06-25	2
9	3	30	2020-05-08	3

Output:

customer_id	name
1	Winston

Explanation:
Winston spent $300 (300 * 1) in June and $100 (10 * 1 + 45 * 2) in July 2020.
Jonathan spent $600 (300 * 2) in June and $20 (2 * 10) in July 2020.
Moustafa spent $110 (10 * 2 + 45 * 2) in June and $0 in July 2020.

```
# Write your MySQL query statement below
SELECT customer_id,name
FROM Orders
JOIN Customers USING (customer_id)
JOIN Product USING (product_id)
WHERE DATE_FORMAT(order_date,'%Y-%m')='2020-06'
GROUP BY customer_id
        HAVING SUM(quantity*price) >=100 AND customer_id IN (
                                        SELECT customer_id
                                            FROM Orders
                                            JOIN Customers USING (customer_id)
                                            JOIN Product USING (product_id)
                                            WHERE DATE_FORMAT(order_date,'%Y-%m')='2020-07'
                                            GROUP BY customer_id
                                            HAVING SUM(quantity*price) >=100
)
```