Run | SQLite

```
1 SELECT * FROM high_value_orders1;
2
```

order_id	customer_name	product_name	price
1001	Sneha	Laptop	55000
1005	Riya	Laptop	55000

Run SQLite

```sql
SELECT * FROM products
WHERE price > (
    SELECT AVG(price) FROM products
);
```

product_id	product_name	category	price
101	Laptop	Electronics	55000

Run SQLite

```sql
CREATE VIEW high_value_orders1 AS
SELECT o.order_id, c.customer_name, p.product_name, p.price
FROM orders o
JOIN customers c ON o.customer_id = c.customer_id
JOIN products p ON p.product_id = o.product_id
WHERE p.price > 5000;

```

History

Table Syntax History

SQLite

```sql
CREATE VIEW high_value_orders1 AS
SELECT o.order_id, c.customer_name, p.product_name, p.price
FROM o
```

Run SQLite

```sql
SELECT c.customer_name, p.product_name, o.quantity
FROM orders o
INNER JOIN customers c ON o.customer_id = c.customer_id
INNER JOIN products p ON o.product_id = p.product_id;
```

customer_name	product_name	quantity
Sneha	Laptop	1
Siya	Headphones	2
Aarav	Shoes	1
Sneha	Watch	1
Riya	Laptop	1
Siya	Shoes	2

Run SQLite

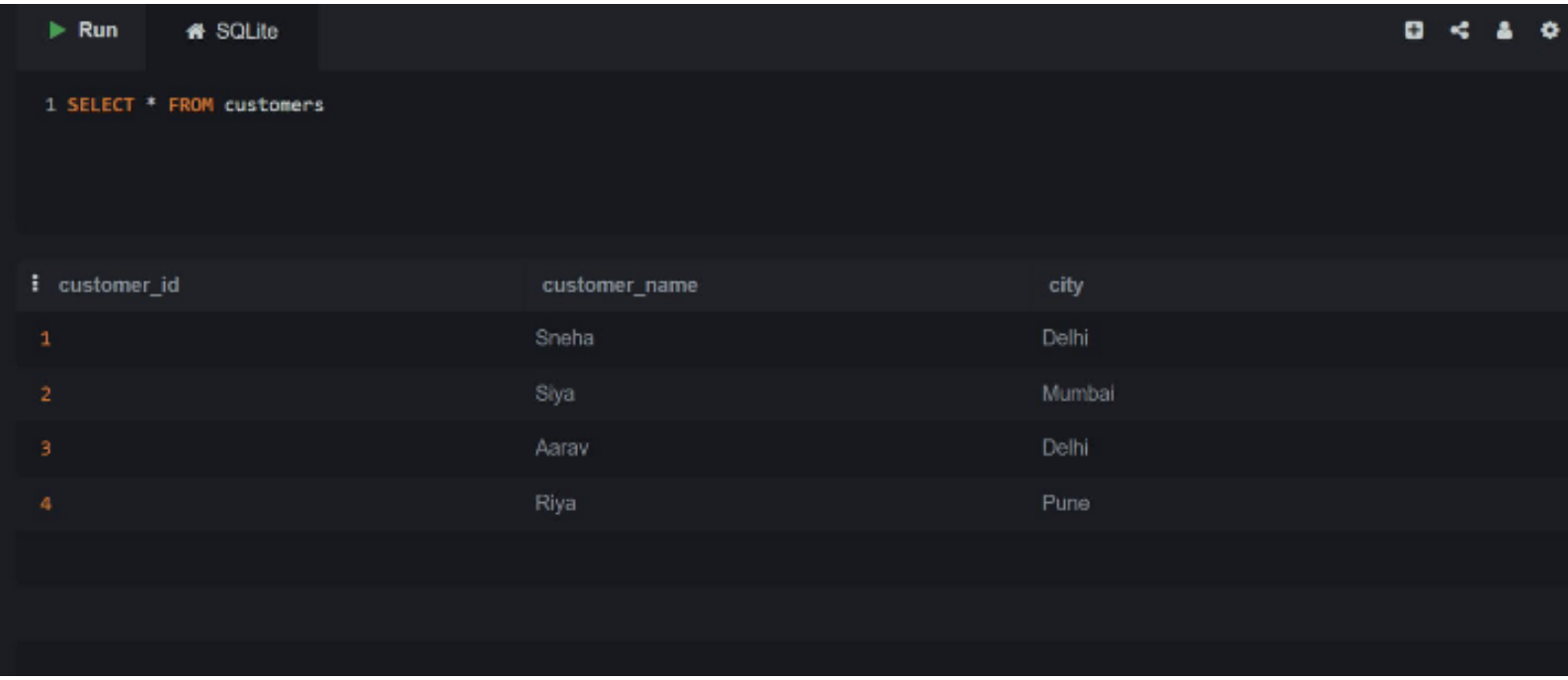
```
1 SELECT * FROM products
2 ORDER BY price DESC;
```

product_id	product_name	category	price
101	Laptop	Electronics	55000
104	Watch	Fashion	3000
102	Headphones	Electronics	2500
103	Shoes	Fashion	1800

Run SQLite

```sql
SELECT c.customer_name, o.order_id
FROM customers c
LEFT JOIN orders o ON c.customer_id = o.customer_id;
```

customer_name	order_id
Sneha	1001
Sneha	1004
Siya	1002
Siya	1006
Aarav	1003
Riya	1005


Run
SQLite
1 SELECT * FROM customers
customer_id
customer_name
city
1
Sneha
Delhi
2
Siya
Mumbai
3
Aarav
Delhi
4
Riya
Pune

Run SQLite

```
1 SELECT * FROM orders;
```

order_id	customer_id	product_id	quantity	order_date
1001	1	101	1	2024-05-01
1002	2	102	2	2024-05-03
1003	3	103	1	2024-05-05
1004	1	104	1	2024-05-10
1005	4	101	1	2024-05-12
1006	2	103	2	2024-05-15

Run SQLite

```sql
SELECT c.customer_name, AVG(p.price * o.quantity) AS avg_spend
FROM customers c
JOIN orders o ON c.customer_id = o.customer_id
JOIN products p ON p.product_id = o.product_id
GROUP BY c.customer_name;

```

customer_name	avg_spend
Aarav	1800
Riya	55000
Siya	4300
Sneha	29000


Run
SQLite
1 SELECT * FROM products
product_id
product_name
category
price
101
Laptop
Electronics
55000
102
Headphones
Electronics
2500
103
Shoes
Fashion
1800
104
Watch
Fashion
3000

Run SQLite

```sql
SELECT p.product_name, SUM(p.price * o.quantity) AS total_revenue
FROM products p
JOIN orders o ON p.product_id = o.product_id
GROUP BY p.product_name;
```

product_name	total_revenue
Headphones	5000
Laptop	110000
Shoes	5400
Watch	3000

Run SQLite

```
1 SELECT * FROM orders
2 WHERE quantity > 1;
```

order_id	customer_id	product_id	quantity	order_date
1002	2	102	2	2024-05-03
1006	2	103	2	2024-05-15