Aaditiya Tyagi

2200290120001

CS5A

DBMS Lab 8:

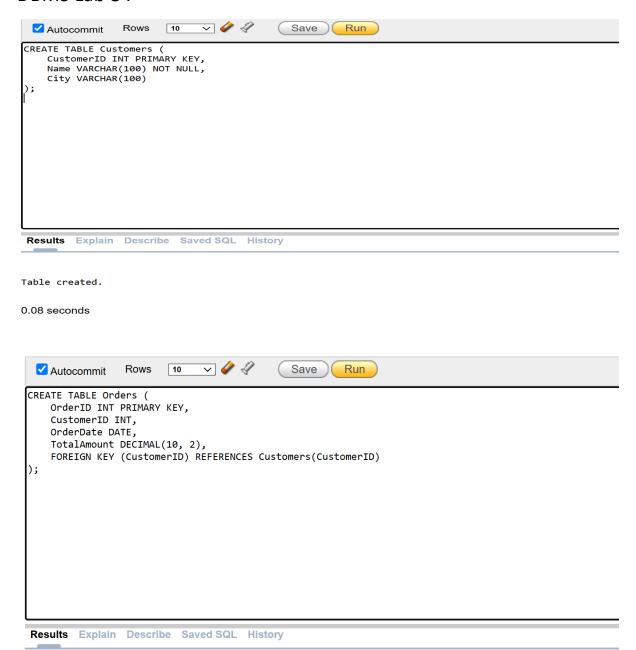


Table created.

0.01 seconds

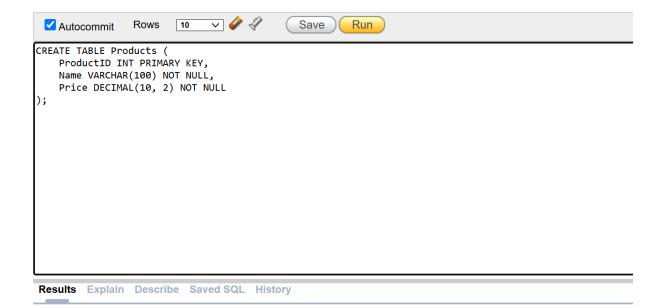
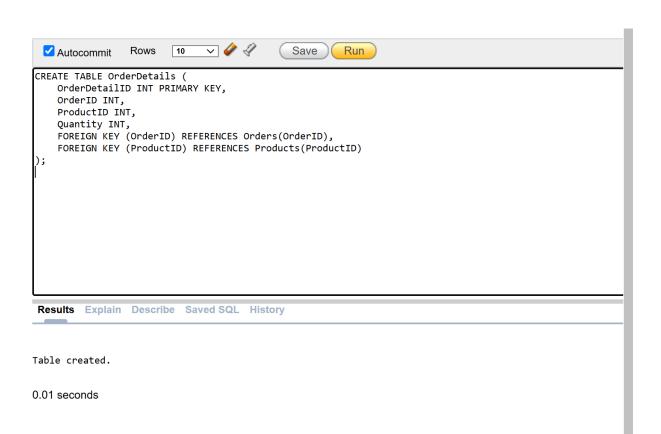
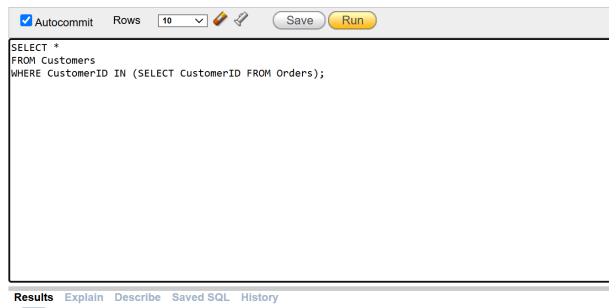


Table created.

0.01 seconds





CUSTOMERID	NAME	CITY
1	Alice	New York
2	Bob	Los Angeles
3	Charlie	Chicago
4	Diana	Houston

4 rows returned in 0.01 seconds

2.

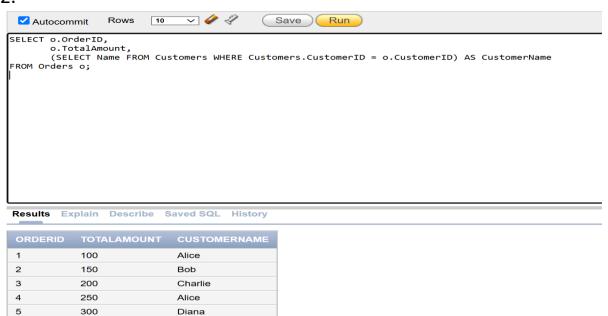
6

180

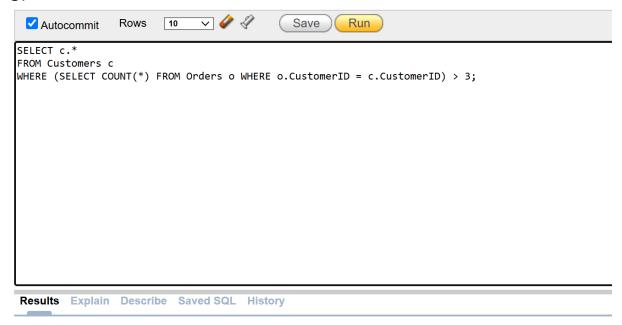
6 rows returned in 0.00 seconds

Bob

<u>Download</u>



Download



no data found

4.

```
SELECT *
FROM Customers c
WHERE EXISTS (
SELECT 1
FROM Orders o
JOIN OrderDetails od ON o.OrderID = od.OrderID
JOIN Products p ON od.ProductID = p.ProductID
WHERE c.CustomerID = o.CustomerID AND p.Price > 50
);
```

Results Explain Describe Saved SQL History

CUSTOMERID	NAME	CITY
1	Alice	New York
2	Bob	Los Angeles
3	Charlie	Chicago
4	Diana	Houston

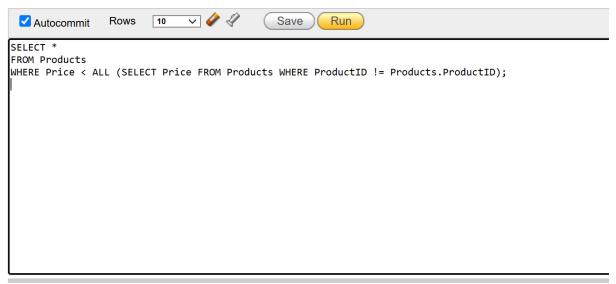
4 rows returned in 0.02 seconds <u>Download</u>



6.







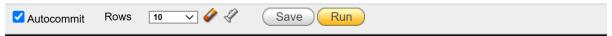
Results Explain Describe Saved SQL History

PRODUCTID	NAME	PRICE
1	Laptop	800
2	Smartphone	500
3	Tablet	300
5	External Drive	150
4	Headphones	100

5 rows returned in 0.01 seconds

Download

8.

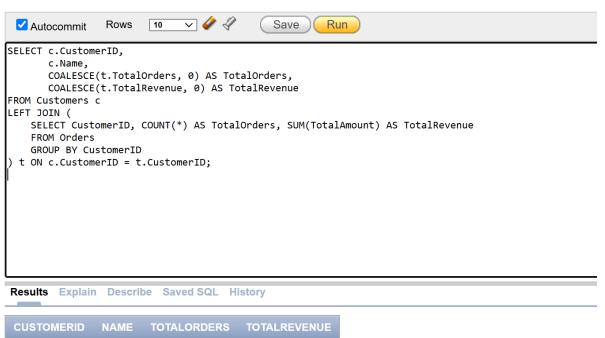


SELECT *

FROM Products

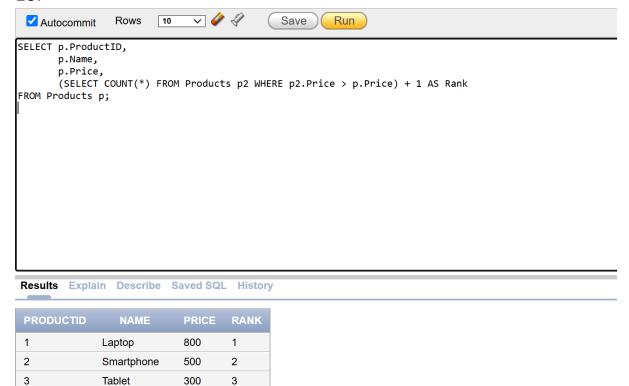
WHERE Price > ANY (SELECT Price FROM Products WHERE Price < 20);

Results Explain Describe Saved SQL History



CUSTOMERID	NAME	TOTALORDERS	TOTALREVENUE
1	Alice	2	350
2	Bob	2	330
4	Diana	1	300
3	Charlie	1	200
5	Eve	0	0

5 rows returned in 0.00 seconds <u>Download</u>



11.

4

5

Tablet

Headphones

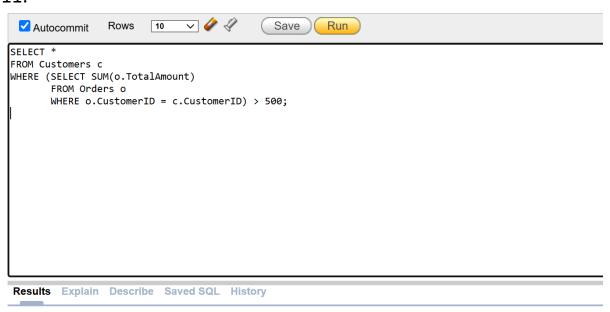
External Drive

300

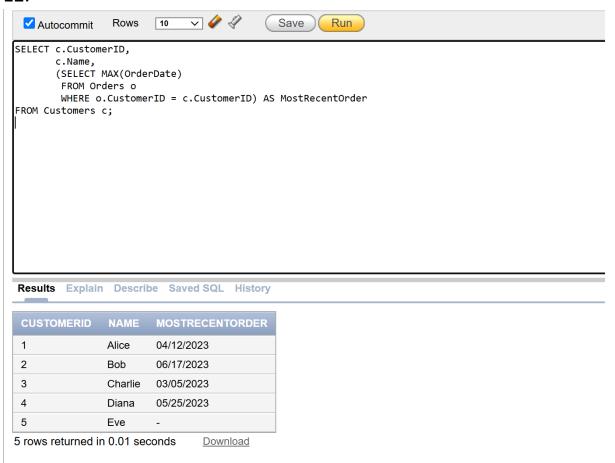
100

3

5



no data found



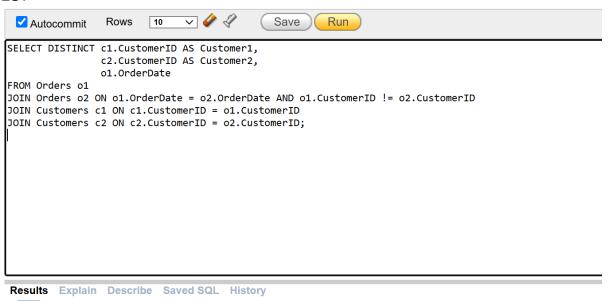
13.

```
SELECT c.CustomerID,
c.Name,
(SELECT SUM(o.TotalAmount) FROM Orders o WHERE o.CustomerID = c.CustomerID) AS TotalSpent
FROM Customers c
ORDER BY TotalSpent DESC
LIMIT 3;
```



no data found

15.



no data found