



National University

Of Computer and Emerging Sciences

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Class: Brand Mangement

Section: BS(SE) 4A

Roll Number: 22L-7902

LAB-02

The screenshot shows the Microsoft SQL Server Management Studio (SSMS) interface. The main window displays a SQL query in the 'Query Editor' pane. The query is as follows:

```
select * from customers -- question 1
where city = 'New York'
ORDER BY cust_name ASC;

select * from customers --q2
where cust_name LIKE '%John%' AND city IN ('London', 'Paris', 'New York');

select * from customers --q3
where city = 'London' OR city = 'New York';

select * from orders --q4
where purch_amt > 500 OR purch_amt = 500 ;

select * from salesman --q5
```

The 'Results' pane shows the output of the first query, which is a table with 2 rows and 5 columns: customers_id, cust_name, city, grade, and salesman_id.

customers_id	cust_name	city	grade	salesman_id
3007	John Brad Davis	New York	200	5001
3002	Nick Rimando	New York	100	5001

The status bar at the bottom indicates that the query was executed successfully, returning 2 rows.

SQLQuery1.sql - DESKTOP-9NCPQBQ\SQLEXPRESS01.I22-7902 DB LAB02 (DESKTOP-9NCPQBQ\hp (62)) - Microsoft SQL Server Management Studio

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SQLQuery1.sql - D...-9NCPQBQ\hp (62))

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select * from customers --q3
where city = 'London' OR city = 'New York';

select * from orders --q4
where purch_amt > 500 OR purch_amt = 500;

select * from salesman --q5
```

Results

	customers_id	cust_name	city	grade	salesman_id
1	3007	John Brad Davis	New York	200	5001
2	3004	Fabian Johnson	Paris	100	5006
3	3001	John Brad Guzan	London	NULL	5005

Query executed successfully.

DESKTOP-9NCPQBQ\SQLEXPRESS0... DESKTOP-9NCPQBQ\hp (62) I22-7902 DB LAB02 00:00:00 3 rows

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SQLQuery1.sql - DESKTOP-9NCPQBQ\SQLEXPRESS01.I22-7902 DB LAB02 (DESKTOP-9NCPQBQ\hp (59)) - Microsoft SQL Server Management Studio

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SQLQuery1.sql - D...-9NCPQBQ\hp (59)

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select * from customers -- question 1
where city = 'New York'
ORDER BY cust_name ASC;

select * from customers --q2
where cust_name LIKE '%John%' AND city IN ('London', 'Paris', 'New York');

select * from customers --q3
where city = 'London' OR city = 'New York';

select * from orders --q4
where purch_amt > 500 OR purch_amt = 500;

select * from salesman --q5
```

Results Messages

	customers_id	cust_name	city	grade	salesman_id
1	3002	Nick Rimando	New York	100	5001
2	3007	John Brad Davis	New York	200	5001
3	3008	Julian Green	London	300	5002
4	3001	John Brad Guzan	London	NULL	5005

Query executed successfully. DESKTOP-9NCPQBQ\SQLEXPRESS0... DESKTOP-9NCPQBQ\hp (59) I22-7902 DB LAB02 00:00:00 4 rows

SQLQuery1.sql - DESKTOP-9NCPQBQ\SQLEXPRESS01.I22-7902 DB LAB02 (DESKTOP-9NCPQBQ\hp (62)) - Microsoft SQL Server Management Studio

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SQLQuery1.sql - D...-9NCPQBQ\hp (62)*

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select * from customers --q3
where city = 'London' OR city = 'New York';

select * from orders --q4
where purch_amt > 500 OR purch_amt = 500;

select * from salesman --q5
```

Results Messages

	ord_no	purch_amt	ord_date	customer_id	salesman_id
1	7003	948.2	2025-04-12	1006	5004
2	7004	785.05	2026-04-12	1007	5005
3	7005	5780	2027-04-12	1008	5006
4	7006	2400.6	2028-04-12	1009	5007

Query executed successfully. DESKTOP-9NCPQBQ\SQLEXPRESS0... DESKTOP-9NCPQBQ\hp (62) I22-7902 DB LAB02 00:00:00 4 rows

SQLQuery1.sql - DESKTOP-9NCPQBQ\SQLEXPRESS01.I22-7902 DB LAB02 (DESKTOP-9NCPQBQ\hp (62))* - Microsoft SQL Server Management Studio

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SQLQuery1.sql - D...-9NCPQBQ\hp (62))*

```
select * from orders --q4
where purch_amt > 500 OR purch_amt = 500 ;

select * from salesman --q5
where name LIKE '_a%';

UPDATE salesman --Q6
SET commision = commision + 0.5;

select * from salesman
where city = 'San Jose';

select * from orders --Q7
ORDER BY ord date DESC;
```

Results Messages

	sales_id	name	city	commision
1	5003	Fatima Saleem	Dubai	2.43
2	5006	Paul Adam	New York	2.12

Query executed successfully. DESKTOP-9NCPQBQ\SQLEXPRESS0... DESKTOP-9NCPQBQ\hp (62) I22-7902 DB LAB02 00:00:00 2 rows

SQLQuery1.sql - DESKTOP-9NCPQBQ\SQLEXPRESS01.I22-7902 DB LAB02 (DESKTOP-9NCPQBQ\hp (62))* - Microsoft SQL Server Management Studio

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SQLQuery1.sql - D...-9NCPQBQ\hp (62))*

```
select * from orders --q4
where purch_amt > 500 OR purch_amt = 500 ;

select * from salesman --q5
where name LIKE '_a%';

UPDATE salesman --Q6
SET commision = commision + 0.5;

select * from salesman;

select * from salesman
where city = 'San Jose';

select * from orders --Q7
```

Results Messages

	sales_id	name	city	commision
1	5001	George Peter	Lahore	3.12
2	5002	Robin Hawk	Islamabad	3.23
3	5003	Fatima Saleem	Dubai	3.43
4	5004	Pit Alex	Al Ain	3.45
5	5005	Mc Lyon	Sharjah	3.66
6	5006	Paul Adam	New York	3.12
7	5008	Miraal Fatima	Lahore	2.62

Query executed successfully. DESKTOP-9NCPQBQ\SQLEXPRESS0... DESKTOP-9NCPQBQ\hp (62) I22-7902 DB LAB02 00:00:00 7 rows

SQLQuery1.sql - DESKTOP-9NCPQBQ\SQLEXPRESS01.I22-7902 DB LAB02 (DESKTOP-9NCPQBQ\hp (62)) - Microsoft SQL Server Management Studio

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SQLQuery1.sql - D...-9NCPQBQ\hp (62))

```
UPDATE salesman --Q6
SET commission = commission + 0.5;
select * from salesman;

select * from salesman
where city = 'San Jose';

select * from orders --Q7
ORDER BY ord_date DESC;

select name AS firstname FROM salesman; --q8

select * from orders -- Q9
where MONTH(ord_date)= 1;
```

Results Messages

	ord_no	purch_amt	ord_date	customer_id	salesman_id
1	7008	75.6	2030-04-12	1011	5009
2	7007	250.35	2029-04-12	1010	5008
3	7006	2400.6	2028-04-12	1009	5007
4	7005	5780	2027-04-12	1008	5006
5	7004	785.05	2026-04-12	1007	5005
6	7003	948.2	2025-04-12	1006	5004
7	7002	223	2024-04-12	1005	2003
8	7001	150.5	2023-04-12	1004	5002

Query executed successfully. DESKTOP-9NCPQBQ\SQLEXPRESS01.I22-7902 DB LAB02 00:00:00 8 rows

SQLQuery1.sql - DESKTOP-9NCPQBQ\SQLEXPRESS01.I22-7902 DB LAB02 (DESKTOP-9NCPQBQ\hp (62)) - Microsoft SQL Server Management Studio

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SQLQuery1.sql - D...-9NCPQBQ\hp (62))

```
UPDATE salesman --Q6
SET commission = commission + 0.5;
select * from salesman;

select * from salesman
where city = 'San Jose';

select * from orders --Q7
ORDER BY ord_date DESC;

select name AS firstname FROM salesman; --q8

select * from orders -- Q9
where MONTH(ord_date)= 1;
```

Results Messages

	firstname
1	George Peter
2	Robin Hawk
3	Fatima Saleem
4	Pit Alex
5	Mc Lyon
6	Paul Adam
7	Miraal Fatima

Query executed successfully. DESKTOP-9NCPQBQ\SQLEXPRESS01.I22-7902 DB LAB02 00:00:00 7 rows

SQLQuery1.sql - DESKTOP-9NCPQBQ\SQLEXPRESS01.I22-7902 DB LAB02 (DESKTOP-9NCPQBQ\hp (62)) - Microsoft SQL Server Management Studio

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SQLQuery1.sql - D...-9NCPQBQ\hp (62))

```
select name AS firstname FROM salesman; --q8

select * from orders -- Q9
where MONTH(ord_date)= 1;
--Q10
select *from orders
where MONTH(ord_date)=10;

select customer_id --q12
from orders
where YEAR(ord_date)=2012
INTERSECT
select customer_id
from orders
```

Results Messages

ord_no	purch_amt	ord_date	customer_id	salesman_id
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Query executed successfully. DESKTOP-9NCPQBQ\SQLEXPRESS01.I22-7902 DB LAB02 00:00:00 0 rows

SQLQuery1.sql - DESKTOP-9NCPQBQ\SQLEXPRESS01.I22-7902 DB LAB02 (DESKTOP-9NCPQBQ\hp (62)) - Microsoft SQL Server Management Studio

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```
select name AS firstname FROM salesman; --q8

select * from orders -- Q9
where MONTH(ord_date)= 1;
--Q10
select *from orders
where MONTH(ord_date)=10;

select customer_id --q12
from orders
where YEAR(ord_date)=2012
INTERSECT
select customer_id
from orders
```

Results Messages

ord_no	purch_amt	ord_date	customer_id	salesman_id
--------	-----------	----------	-------------	-------------

Query executed successfully. DESKTOP-9NCPQBQ\SQLEXPRESS01.I22-7902 DB LAB02 00:00:00 0 rows

SQLQuery1.sql - DESKTOP-9NCPQBQ\SQLEXPRESS01.I22-7902 DB LAB02 (DESKTOP-9NCPQBQ\hp (59)) - Microsoft SQL Server Management Studio

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122-7902 DB LAB02 Execute

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```
UPDATE salesman --Q6
SET commision = commision + 0.5;
select * from salesman;

select * from salesman --q7
where city = 'San Jose';

select * from orders --Q8
ORDER BY ord_date DESC;

select name AS firstname FROM salesman; --q9

select * from orders -- Q10
where MONTH(ord date)= 1;
```

100 %

Results Messages

sales_id	name	city	commision
----------	------	------	-----------

Query executed successfully. DESKTOP-9NCPQBQ\SQLEXPRESS0... DESKTOP-9NCPQBQ\hp

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SQLQuery1.sql - DESKTOP-9NCPQBQ\SQLEXPRESS01.I22-7902 DB LAB02 (DESKTOP-9NCPQBQ\hp (62)) - Microsoft SQL Server Management Studio

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122-7902 DB LAB02 Execute

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 - Service Broker

SQLQuery1.sql - D:\...-9NCPQBQ\hp (62))

```
select *from orders
where MONTH(ord_date)=10;

select customer_id --q12
from orders
where YEAR(ord_date)=2012
INTERSECT
select customer_id
from orders
where YEAR(ord_date)=2014;

select customer_id --q13
from orders
where YEAR(ord date)=2011
```

100 %

Results Messages

customer_id

Query executed successfully. DESKTOP-9NCPQBQ\SQLEXPRESS0... DESKTOP-9NCPQBQ\hp (62) I22-7902 DB LAB02 00:00:00 0 rows

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16° Search

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SQLQuery1.sql - DESKTOP-9NCPQBQ\SQLEXPRESS01\22-7902 DB LAB02 (DESKTOP-9NCPQBQ\hp (62))* - Microsoft SQL Server Management Studio

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SQLQuery1.sql - D:\...9NCPQBQ\hp (62))*

```
where YEAR(ord_date)=2014;

select customer_id --q13
from orders
where YEAR(ord_date)=2011
union
select customer_id
from orders
where YEAR(ord_date)=2013;

select customer_id --q14
from orders
where YEAR(ord_date)=2012
EXCEPT
```

Results

customer_id
1005
1006
1008
1009

Query executed successfully. DESKTOP-9NCPQBQ\SQLEXPRESS01\22-7902 DB LAB02 00:00:00 4 rows

SQLQuery1.sql - DESKTOP-9NCPQBQ\SQLEXPRESS01\22-7902 DB LAB02 (DESKTOP-9NCPQBQ\hp (62))* - Microsoft SQL Server Management Studio

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 - Queries With High Variat
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SQLQuery1.sql - D:\...9NCPQBQ\hp (62))*

```
select customer_id --q14
from orders
where YEAR(ord_date)=2012
EXCEPT
select customer_id
from orders
where YEAR(ord_date)=2014;
```

Results

customer_id
1007

Query executed successfully. DESKTOP-9NCPQBQ\SQLEXPRESS01\22-7902 DB LAB02 00:00:00 1 rows