

# END SEM LAB EXAM

NAME: K.Anuj

Roll No:cs20b1100

## SQL Code:

```
--drop database cs20b1100;
create database cs20b1100;
use cs20b1100;

create table store_info(
store_id varchar(20) ,
store_name varchar(30),
location varchar(30),
contact_no varchar(20));

create table mobile_info(
mobile_id varchar(20),
mobile_name varchar(30),
cost int,
quantity int);

create table sales_info(
mobile_id varchar(20),
store_id varchar(20),
ddate date,
customer_name varchar(20),
customer_add varchar(30),
customer_age int);

insert into store_info value
('s1','SA','hyd','4567'),
('s2','SB','chennai','1234'),
('s3','SC','chennai','7890');

insert into mobile_info value
('m1','MA',10000,45),
('m2','MB',15000,12),
('m3','MC',45000,78);
```

```
insert into sales_info value
('m1','s1','2022-12-12','anuj','hyd',20),
('m1','s3','2022-12-02','ram','chennai',30),
('m3','s2','2022-02-12','ajay','chennai',22);
```

```
select mobile_info.mobile_id
from mobile_info,sales_info
where mobile_info.mobile_id = sales_info.mobile_id
and sales_info.customer_age between 15 and 25
and sales_info.customer_add='chennai'
and mobile_info.cost > 5000;
```

```
select mobile_info.mobile_id,mobile_info.cost as totat_cost
from mobile_info,sales_info,store_info
where mobile_info.mobile_id = sales_info.mobile_id
and sales_info.store_id = store_info.store_id
and store_info.location = 'chennai';
```

```
select store_info.store_id,store_info.contact_no
from store_info
where store_info.store_id in
(select sales_info.store_id
from sales_info
where sales_info.ddate='2022-02-12');
```

```
select store_info.store_name,sales_info.ddate,mobile_info.quantity
from store_info,mobile_info,sales_info
where mobile_info.mobile_id = sales_info.mobile_id
and sales_info.store_id = store_info.store_id
and sales_info.customer_add='chennai';
```

a)

MySQLWorkbench

File Edit View Query Database Server Tools Scripting Help

Sun 24 Apr 5:15 PM

MySQL Workbench

Administration Schemas DBMS\_EndSemLab

SCHEMAS

Filter objects

> dblab

> dblab1

> dblab4

> dblab5

> dblab6

> firstdatabase

> IIIT

> IIITDM

> Lab\_1B

> Lab\_1C

> lab7

> sys

25 • insert into store\_info value

26 ('s1','SA','hyd','4567'),

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28 ('s3','SC','chennai','7890');

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39

40 • select mobile\_info.mobile\_id

41 from mobile\_info,sales\_info

42 where mobile info.mobile id = sales info.mobile id

100% 22:31

Result Grid

Filter Rows: Search Export:

mobile\_id

m3

Result 20

Read Only

Object Info Session

No object selected

Action Output

	Time	Action	Response	Duration / Fetch Time
399	17:13:02	insert into store_info value ('s1','SA','hyd','4567'), ('s2','SB','chennai','1234'), ('s3','SC','chennai','7890')	3 row(s) affected Records: 3 Duplicates: 0 Warnings...	0.00075 sec
400	17:13:02	insert into mobile_info value ('m1','MA',10000,45), ('m2','MB',15000,12), ('m3','MC',45000,78)	3 row(s) affected Records: 3 Duplicates: 0 Warnings...	0.00052 sec
401	17:13:02	insert into sales_info value ('m1','s1','2022-12-12','anuj','hyd',20), ('m1','s3','2022-12-02','ram','chennai',30), ('m3','s2','2022-02-12','ajay','chennai',22)	3 row(s) affected Records: 3 Duplicates: 0 Warnings...	0.00044 sec
402	17:13:02	select mobile_info.mobile_id from mobile_info,sales_info where mobile_info.mobile_id = sales_info.mobile_id and sales_info.c...	1 row(s) returned	0.00023 sec / 0.0000...
403	17:13:02	select mobile_info.mobile_id,mobile_info.cost as totat_cost from mobile_info,sales_info,store_info where mobile_info.mobile_i...	2 row(s) returned	0.00029 sec / 0.0000...
404	17:13:02	select store_info.store_id,store_info.contact_no from store_info where store_info.store_id in (select sales_info.store_id from s...	1 row(s) returned	0.00031 sec / 0.0000...
405	17:13:02	select store_info.store_name,sales_info.ddate,mobile_info.quantity from store_info,mobile_info,sales_info where mobile_info...	2 row(s) returned	0.00018 sec / 0.0000...

Active schema was cleared

b)

MySQL Workbench

DBMS\_EndSemLab

Limit to 1000 rows

25 • insert into store\_info value

26 ('s1','SA','hyd','4567'),

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40 • select mobile\_info.mobile\_id

41 from mobile\_info,sales\_info

42 where mobile\_info.mobile\_id = sales\_info.mobile\_id

100%

22:31

Result Grid

Filter Rows: Search

Export:

mobile_id	total_cost
m1	10000
m3	45000

Result 20Result 21Read Only

Action Output

	Time	Action	Response	Duration / Fetch Time
399	17:13:02	insert into store_info value ('s1','SA','hyd','4567'), ('s2','SB','chennai','1234'), ('s3','SC','chennai','7890')	3 row(s) affected Records: 3 Duplicates: 0 Warnings...	0.00075 sec
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c)

MySQL Workbench

Administration Schemas DBMS\_EndSemLab

SCHEMAS

Filter objects

Limit to 1000 rows

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26 ('s1','SA','hyd','4567'),  
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40 • select mobile\_info.mobile\_id  
41 from mobile\_info,sales\_info  
42 where mobile\_info.mobile\_id = sales\_info.mobile\_id

100% 22:31

Result Grid Filter Rows: Search Export:

store_id	contact_no
s2	1234

Result 20 Result 21 store\_info 22 Read Only

Object Info Session

No object selected

Action Output

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399	17:13:02	insert into store_info value ('s1','SA','hyd','4567'), ('s2','SB','chennai','1234'), ('s3','SC','chennai','7890')	3 row(s) affected Records: 3 Duplicates: 0 Warnings...	0.00075 sec
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403	17:13:02	select mobile_info.mobile_id,mobile_info.cost as totat_cost from mobile_info,sales_info,store_info where mobile_info.mob...	2 row(s) returned	0.00029 sec / 0.0000...
404	17:13:02	select store_info.store_id,store_info.contact_no from store_info where store_info.store_id in (select sales_info.store_id from s...	1 row(s) returned	0.00031 sec / 0.0000...
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Active schema was cleared

d)

MySQL Workbench

FileEditViewQueryDatabaseServerToolsScriptingHelp

MySQL Workbench

AdministrationSchemasDBMS\_EndSemLab

SCHEMAS

Filter objects

> dblab

> dblab1

> dblab4

> dblab5

> dblab6

> firstdatabase

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39

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41 from mobile\_info,sales\_info

42 where mobile\_info.mobile\_id = sales\_info.mobile\_id

100%

22:31

Result Grid

Filter Rows: Search

Export:

store_name	ddate	quantity
SC	2022-12-02	45
SB	2022-02-12	78

Result 20

Result 21

store\_info 22

Result 23

Read Only

Object Info

Session

No object selected

Action Output

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✓ 399	17:13:02	insert into store_info value ('s1','SA','hyd','4567'), ('s2','SB','chennai','1234'), ('s3','SC','chennai','7890')	3 row(s) affected Records: 3 Duplicates: 0 Warnings...	0.00075 sec
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✓ 403	17:13:02	select mobile_info.mobile_id,mobile_info.cost as tota_t_cost from mobile_info,sales_info,store_info where mobile_info.mob...	2 row(s) returned	0.00029 sec / 0.0000...
✓ 404	17:13:02	select store_info.store_id,store_info.contact_no from store_info where store_info.store_id in (select sales_info.store_id from s...	1 row(s) returned	0.00031 sec / 0.0000...
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