

DATABASE MANAGEMENT SYSTEM(CBS-1007)

SLOT: L33+34

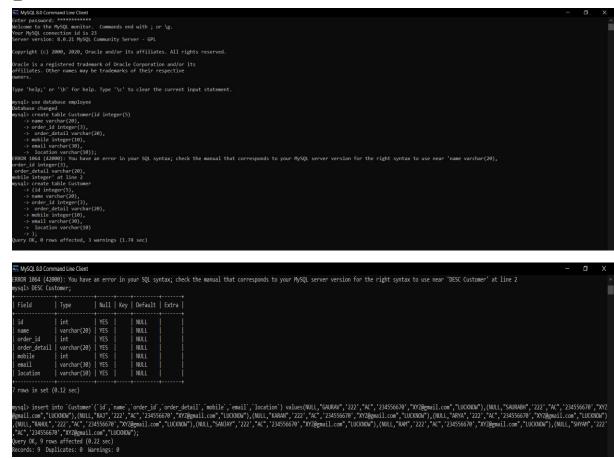
LAB ASSESSMENT -1

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REG NO.- 19BBS0026

EX 1.1: DDL AND DML COMMANDS

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_						
	SELECT *FR	OM ^C OM Customer:				
						+
id	name	order_id	order_detail	mobile	email	location
NULL	GAURAV	222	AC	234556670	XYZ@gmail.com	LUCKNOW
NULL	SAURABH	222	AC	234556670	XYZ@gmail.com	LUCKNOW
NULL	RAJ	222	AC	234556670	XYZ@gmail.com	LUCKNOW
NULL	KARAN	222	AC		XYZ@gmail.com	
NULL	ARYA	222	AC		XYZ@gmail.com	
	RAHUL	222			XYZ@gmail.com	
NULL	SANJAY	222	AC	234556670	XYZ@gmail.com	LUCKNOW
NULL		222			XYZ@gmail.com	
NULL	SHYAM	222	AC	234556670	XYZ@gmail.com	LUCKNOW
9 rows	in set (0.	30 sec)				

3-

mysql> alter table customer add item_price integer(7) after order_detail; Query CK, 0 rows affected, 1 warning (2.61 sec) Records: 0 Duplicates: 0 Warnings: 1

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```
GAURAV
SAURABH
RAJ
KARAN
ARYA
RAHUL
SANJAY
RAM
SHYAM
```

4-

```
nl> UPDATE 'customer' -> SET -> 'item_prise' = '56000' -> MHERE 'customer'.'name' ="Arya";

OR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '-> SET -> 'item_prise' = '56000'
| 10 UPDATE 'customer'
| -> SET |
|-> S
As macched.
A
                                                                        SET 'item_price' = '56000' |
| halere 'customer'.'name' ="SAURABH";
                                                                               whene continued and the second and t
```

```
MySQL 8.0 Command Line Client
ery OK, 1 row affected (0.11 sec)
ws matched: 1 Changed: 1 Warnings: 0
  sql> UPDATE `customer`
-> SET
-> `item price` = '56565'
-> `MHERE `customer` `name` ="ARYA";
ery OK, 1 row affected (0.06 sec)
ws matched: 1 Changed: 1 Warnings: 0
 sql> UPDATE 'customer'
-> SET
-> 'item price' = '56565'
-> 'MiERE 'customer'. 'name' = "RAHUL";
ery UK, 1 row affected (0.05 sec)
ws matched: 1 Changed: 1 Warnings: 0
As Matchau. ; Innoper'
sall VPDATE 'customer'
-> SET
-> 'item price' = '56565'
-> 'MHERE 'customer' 'name' ="SANJAY";
erry OK, 1 row affected (0.12 sec)
has matched: 1 Changed: 1 Marnings: 0
                 UPDATE torred

SET

`item_price` = '56565'

WHERE `customer`, `name` ="RAM";

DK, 1 row affected (0.07 sec)

atched: 1 Changed: 1 Warnings: 0
               SET
item_price' = '56565'
HIERE 'customer'.'name' ="SHYAM";
OK, 1 row affected (0.10 sec)
matched: 1 Changed: 1 Warnings: 0
```

MySC	L 8.0 Comma	nd Line Client					
		rom customer					
	name	order_id	order_detail	item_price	mobile	email	location
NULL	GAURAV	222				XYZ@gmail.com	
NULL	SAURABH	222	AC	56565	234556670	XYZ@gmail.com	LUCKNOW
NULL	RAJ	222	AC	56565	234556670	XYZ@gmail.com	LUCKNOW
NULL	KARAN	222	AC	56565	234556670	XYZ@gmail.com	LUCKNOW
NULL	ARYA	222	AC	56565	234556670	XYZ@gmail.com	LUCKNOW
NULL	RAHUL	222	AC	56565	234556670	XYZ@gmail.com	LUCKNOW
NULL	SANJAY	222	AC	56565	234556670	XYZ@gmail.com	LUCKNOW
NULL	RAM	222	AC	56565	234556670	XYZ@gmail.com	LUCKNOW
NULL	SHYAM	222	AC	56565	234556670	XYZ@gmail.com	LUCKNOW

7-

select from customer where 'name' = "Gourav";
id name order_id order_detail item_price mobile email location
NULL GAURAV 222 AC 12456 234556670 XYZ@gmail.com LUCKNOW
row in set (0.00 sec)

8-



9-

```
wysql> select distinct(location);

LEROR 1894 (49529): Winknown column 'location' in 'field list'

wysql> select distinct(location) FROM Customer;

Location |

LUCKNOWN |

LOCKNOWN |

LOW in set (0.03 sec)
```

10-

```
mysql> alter table customer rename to Cust_details;
Query OK, 0 rows affected (0.98 sec)
```

mysql> ^C mysgl> sele	ct * from	cust det	ails:				
+		+					
	name		d order_detail			location	
	GAURAV		2 AC		234556670		
	SAURABH		2 AC		234556670		
NULL	RAJ	2:	2 AC	56565	234556670	LUCKNOW	
NULL	KARAN		2 AC	56565	234556670	LUCKNOW	
NULL	ARYA		2 AC	56565	234556670	LUCKNOW	
NULL	RAHUL		2 AC	56565	234556670	LUCKNOW	
NULL	SANJAY		2 AC	56565	234556670	LUCKNOW	
NULL	RAM		2 AC	56565	234556670	LUCKNOW	
NULL	SHYAM		2 AC	56565	234556670	LUCKNOW	
rows in s	et (0.13						

13-

```
mysql> UPDATE 'cust_details'

> 'msbile' = '932701266'
> 'msbile' = '932701266'
> 'msbile' = '032701266'
> 'msbile' = '032701266'
> 'msbile' = '032701266'
| WHERE 'cust_details'.'location' = "LUCKHCMM";
| Query (KK, 9 rows affected (0.08 sec)
| Rows matched: 9 Changed: 9 Marnings: 0
```

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16-

```
wySQL &D Command Line Client — □ ×

wySQL> delete from customer_details
-> where 'location' ="Delhi";

Query OK, 1 row affected (0.42 sec)
```

17-

```
mysQl & O Command Line Client — G ×
mysql> rollback;
Query OK, 0 rows affected (0.00 sec)
```

		customer;				
Cust_id	name	order_id	order_detail	item_price	mobile	location
NULL	GAURAV	222		12456	234556670	LUCKNOW
NULL	SAURABH RAJ	222	AC AC	56565 56565		
NULL	KARAN	222			234556670	
NULL	ARYA RAHUL	222	AC AC		234556670	
NULL	SANJAY	222			234556670	LUCKNOW
NULL	RAM SHYAM	222	AC AC	56565	234556670 234556670	
			AL			
orows in s	set (0.04					



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24-

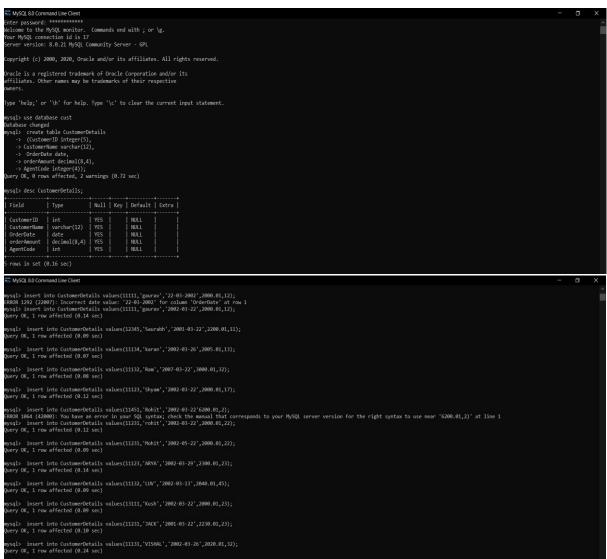


25-



```
wysql> desc customer_details;
EMROR 1146 (42502): Table 'exercisel.customer_details' doesn't exist
wysql> _
```

EX 1.2 AGGREGATE FUNCTIONS:





3-

```
wysol> select distinct count( CustomerID) from CustomerDetails;

| count( CustomerID) |
| 12 |
| row in set (0.05 sec)

wysol> select distinct count(distinct CustomerID) from CustomerDetails;

| count(distinct CustomerID) |
| 8 |
| row in set (0.06 sec)
```

4-

5-

```
TS_MySQL 80 Command Line Client

#WSQL} select CustomerName from CustomerDetails order by CustomerName desc limit 1;

| CustomerName |

| VTSNAL |

1 row in set (0.00 sec)
```

6

```
| max(OrderAmount) | from CustomerDetails; | max(OrderAmount) | max(Or
```

```
#ysql> select min(OrderAmount) from CustomerDetails;
| min(OrderAmount) |
| 2000.0100 |
| 1 row in set (0.00 sec)
```

```
wysql> select sum(Order/Amount) from CustomerOetails;

| sum(Order/Amount) |
| 25795.1200 |
| 1 row in set (0.04 sec)
```

9-

```
wysql> select avg(OrderAmount) from CustomerDetails;
| avg(OrderAmount) |
| 2140.5933333 |
| 1 row in set (0.00 sec)
```

10-

```
wysql> select lease( CustomerName) from CustomerDetails;

| Icase( CustomerName) |
| Icase( Cust
```

11-

```
mysql> select round(OrderAmount ) from CustomerDetails;
| round(OrderAmount ) |
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