

## Assignment 6:DML Queries with Aggregate and built-in functions

Roll.No : 33364

### 1.Get the total no of customers

```
MariaDB [OMS]> select count(*) as total_customers from customer;
```

```
+-----+
| total_customers |
+-----+
|                5 |
+-----+
1 row in set (0.001 sec)
```

### 2.Display average purchase amount of all the customers

```
MariaDB [OMS]> select c_id as CUSTOMER_ID,avg(grandtotal) as AVERAGE_PURCHASE
from myorder group by c_id;
```

```
+-----+-----+
| CUSTOMER_ID | AVERAGE_PURCHASE |
+-----+-----+
|            1 |      202800.0000 |
|            3 |      90776.0000 |
|            5 |         0.0000 |
+-----+-----+
```

3 rows in set (0.001 sec)

### 3.Display total purchase amount of all the customers

```
MariaDB [OMS]> select c_id as CUSTOMER_ID,sum(grandtotal) as AVERAGE_PURCHASE
from myorder group by c_id;
```

```
+-----+-----+
| CUSTOMER_ID | AVERAGE_PURCHASE |
+-----+-----+
|            1 |         202800 |
|            3 |         272328 |
|            5 |             0 |
+-----+-----+
```

3 rows in set (0.001 sec)

### 4.Find DAYNAME, MONTHNAME and YEAR of the purchase order made on "1995-11-2016"

```
MariaDB [OMS]> select dayname(o_date) as Day, monthname(o_date) as Month,
year(o_date) as Year from myorder where o_date='2019-07-18';
```

```
+-----+-----+-----+
| Day      | Month | Year |
+-----+-----+-----+
| Thursday | July  | 2019 |
+-----+-----+-----+
```

1 row in set (0.001 sec)

## 5. Get current date & time, current time, current date

a) MariaDB [OMS]> select sysdate();

```
+-----+
| sysdate() |
+-----+
| 2019-08-27 01:27:04 |
+-----+
1 row in set (0.000 sec)
```

b) MariaDB [OMS]> select time(sysdate()) as Curr\_Time;

```
+-----+
| Curr_Time |
+-----+
| 01:29:57 |
+-----+
1 row in set (0.000 sec)
```

c) MariaDB [OMS]> select date(sysdate()) as Curr\_Date;

```
+-----+
| Curr_Date |
+-----+
| 2019-08-27 |
+-----+
1 row in set (0.000 sec)
```

## 6. Get 6 month future & past date using interval function based on current date and name the column accordingly

MariaDB [OMS]> select (curdate()-interval 6 month) as past\_6\_months,(curdate()+interval 6 month) as future\_6\_month;

```
+-----+-----+
| past_6_months | future_6_month |
+-----+-----+
| 2019-02-27 | 2020-02-27 |
+-----+-----+
1 row in set (0.000 sec)
```

## 7. Find the purchase details of all the customers who made shopping today. (Using having clause)

MariaDB [OMS]> select \* from myorder where o\_date=curdate();  
Empty set (0.001 sec)