Assignment 5 : DML Queries

Roll.No: 33364

1.Display all the Purchase orders of a specific Customer

MariaDB [OMS]> select myorder.o id,o date,p name from myorder, customer, product, contains where myorder.o id=contains.o id and myorder.c_id=customer.c_id and contains.p_id=product.p_id and customer.name="Sahil";

```
+----+
+----+
| 12 | 2019-07-18 | Activa4g |
+----+
1 row in set (0.013 sec)
```

2.Get Customer and Data Item Information for a Specific Purchase Order

MariaDB [OMS]> select myorder.o id,o date,p name,name from myorder, customer, product, contains where myorder.o id=contains.o id and myorder.c_id=customer.c_id and contains.p_id=product.p id and myorder.o id=3;

	 o_date		•
++		++	+
	2019-07-21		
	set (0.001		+

3.Get the Total Value of Purchase Orders

MariaDB [OMS]> select sum(grandtotal) as total_purchase_by_all_cutomers from myorder;

```
+----+
| total_purchase_by_all_cutomers |
+----+
         575060 |
+----+
1 row in set (0.001 sec)
```

4.List the Purchase Orders in descending order as per total

MariaDB [OMS]> select * from myorder, contains where myorder.o id=contains.o id order by myorder.grandtotal desc;

o_id	 c_id	o_date	tax	amount	grandtotal	 o_id	qty	p_id
12	1	2019-07-18	58500	195000	253500	12	3	2
3	3	2019-07-21	32506	108354	140860	3	2	27
5	3	2019-07-22	24300	81000	105300	5	1	19
1	3	2019-07-23	17400	58000	75400	1	1	23

4 rows in set (0.001 sec)

5.Display the name of customers whose first name starts with "Sah". (String matching:Like operator)

```
MariaDB [OMS]> select name from customer where name like "Sah%";
name |
+----+
| Sahil |
+----+
1 row in set (0.001 sec)
```

6.Display the name of customer whose order amount is greater than all the customers. (Relational Operator: <, >, <=, >=, = =,!=)

MariaDB [OMS]> select name from customer where c id = (select c id from myorder where grandtotal=(select max(grandtotal) from myorder));

```
+----+
name |
| Sahil |
+----+
```

1 row in set (0.000 sec)

7.Display order details of customer whose city name is "Jalgaon" and purchase date is 20/08/2019" (Boolean Operators: and, or)

MariaDB [OMS]> select * from myorder where c_id = (select c_id from customer where address = 'JALGAON') and o_date='2019-08-20';

o_id c_id	+ d o_date +	tax	amount	grandtotal
18 !	5 2019-08-20	0	0	0
1 row in set	•	T		т

8. Add discount of 5% to all the customers whose order is more than or equal to Rs. 100000/-

MariaDB [OMS]> update myorder set grandtotal=(grandtotal-(grandtotal/5)) where grandtotal > 100000; Query OK, 3 rows affected (0.059 sec) Rows matched: 3 Changed: 3 Warnings: 0

9. Delete Purchase Order 1001

MariaDB [OMS] > delete from contains where o id=5; Query OK, 1 row affected (0.051 sec)