HARRIKISAN M

HEXAWARE-TRAINING

ASSIGNMENT-1

TASK-2

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1. Write an SQL query to retrieve the names and emails of all customers.

   SELECT concat(first_name,' ',last_name) as Names,email from customers

```
1    SELECT concat(first_name,' ',last_name) as Names,email from customers
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Names	email
harrikisan M	harrikisan5577@gmail.com
Jane Smith F	janesmith@example.com
Alice Johnson F	alicej@example.com
Bob Brown M	bobbrown@example.com
Charlie Davis M	charliedavis@example.com
Eva Williams F	evawilliams@example.com
George Harris M	georgeharris@example.com
Mia Clark F	miaclark@example.com
Liam Lee M	liamlee@example.com

2. Write an SQL query to list all orders with their order dates and corresponding customer names.

```
select
customers.customer_id,
concat(customers.first_name,' ',customers.last_name),
orders.order_id,
orders.order_date from customers
inner join orders using (customer_id)
```

customer_id	concat(customers.first_name,' ',customers.last_name)	order_id	order_date
1	harrikisan M	1	2025-03-20 10:22:25
2	Jane Smith F	2	2025-03-20 10:25:32
3	Alice Johnson F	3	2025-03-20 10:25:32
4	Bob Brown M	4	2025-03-20 10:25:32
5	Charlie Davis M		2025-03-20 10:25:32
6	Eva Williams F	6	2025-03-20 10:25:32
7	George Harris M	7	2025-03-20 10:25:32
8	Mia Clark F	8	2025-03-20 10:25:32
9	Liam Lee M	9	2025-03-20 10:25:32
1	harrikisan M	10	2025-03-20 10:25:32

Bob Brown M

3. Write an SQL query to insert a new customer record into the "Customers" table. Include customer information such as name, email, and address.

```
insert INTO CUSTOMERS
values(10,'Praveenkumar','M','praveenkumar8844@gmail.com','8610481045','abc street');
```

9	Liam Lee	M	liamlee@example.com	9123478901	606 Sequoia St
10	Praveenkumar	M	praveenkumar8844@gmail.com	8610481045	abc street

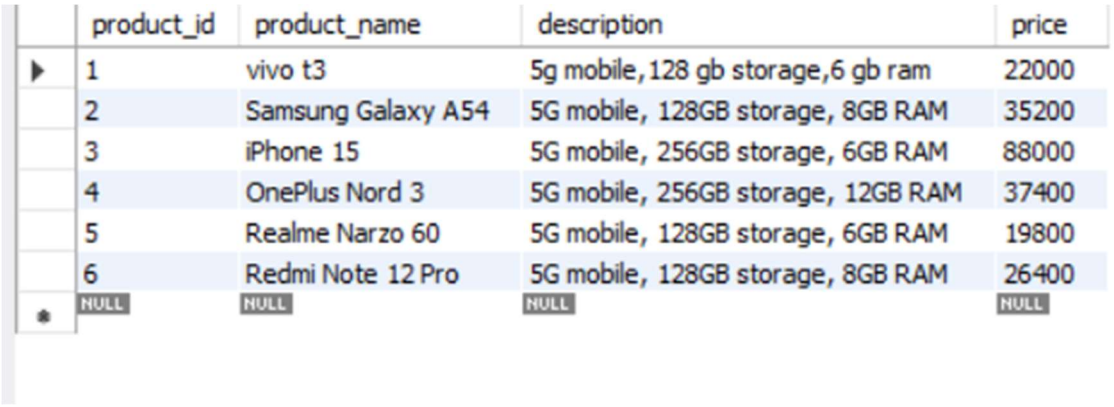
4. Write an SQL query to update the prices of all electronic gadgets in the "Products" table by

increasing them by 10%.

```
UPDATE products

SET price = price + (price * (10/100))

WHERE price > 0;
```

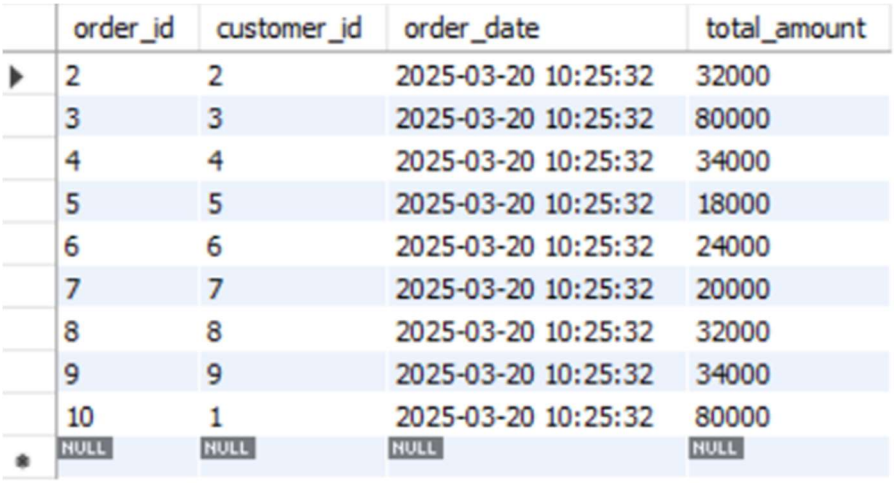


product_id	product_name	description	price
1	vivo t3	5g mobile,128 gb storage,6 gb ram	22000
2	Samsung Galaxy A54	5G mobile, 128GB storage, 8GB RAM	35200
3	iPhone 15	5G mobile, 256GB storage, 6GB RAM	88000
4	OnePlus Nord 3	5G mobile, 256GB storage, 12GB RAM	37400
5	Realme Narzo 60	5G mobile, 128GB storage, 6GB RAM	19800
6	Redmi Note 12 Pro	5G mobile, 128GB storage, 8GB RAM	26400
NULL	NULL	NULL	NULL

5. Write an SQL query to delete a specific order and its associated order details from the "Orders" and "OrderDetails" tables. Allow users to input the order ID as a parameter.

```
delete from orders where order_id=1;

delete from orderdetails where order_id=1;
```



order_id	customer_id	order_date	total_amount
2	2	2025-03-20 10:25:32	32000
3	3	2025-03-20 10:25:32	80000
4	4	2025-03-20 10:25:32	34000
5	5	2025-03-20 10:25:32	18000
6	6	2025-03-20 10:25:32	24000
7	7	2025-03-20 10:25:32	20000
8	8	2025-03-20 10:25:32	32000
9	9	2025-03-20 10:25:32	34000
10	1	2025-03-20 10:25:32	80000
NULL	NULL	NULL	NULL

6.Write an SQL query to insert a new order into the "Orders" table. Include the customer ID, order date, and any other necessary information.

insert into orders values(1,1,now(),21000)

order_id	customer_id	order_date	total_amount
1	1	2025-03-20 21:37:27	21000
2	2	2025-03-20 10:25:32	32000
3	3	2025-03-20 10:25:32	80000
4	4	2025-03-20 10:25:32	34000
5	5	2025-03-20 10:25:32	18000
6	6	2025-03-20 10:25:32	24000
7	7	2025-03-20 10:25:32	20000
8	8	2025-03-20 10:25:32	32000
9	9	2025-03-20 10:25:32	34000
10	1	2025-03-20 10:25:32	80000
NULL	NULL	NULL	NULL

7. Write an SQL query to update the contact information (e.g., email and address) of a specific

customer in the "Customers" table. Allow users to input the customer ID and new contact information.

update customers

set email='alicejohnson@gmail.com' where customer_id=3;

customer_id	first_name	last_name	email	phone	address
1	harrikisan	M	harrikisan5577@gmail.com	9345520672	abc street
2	Jane Smith	F	janesmith@example.com	9123456789	456 Oak St
3	Alice Johnson	F	alicejohnson@gmail.com	9765432109	789 Pine St
4	Bob Brown	M	bobbrown@example.com	9345678901	101 Birch St
5	Charlie Davis	M	charliedavis@example.com	9212345678	202 Cedar St
6	Eva Williams	F	evawilliams@example.com	9456781234	303 Elm St
7	George Harris	M	georgeharris@example.com	9108765432	404 Willow St
8	Mia Clark	F	miaclark@example.com	9348123567	505 Redwood St
9	Liam Lee	M	liamlee@example.com	9123478901	606 Sequoia St
10	Praveenkumar	M	praveenkumar8844@gmail.com	8610481045	abc street
NULL	NULL	NULL	NULL	NULL	NULL

8.Write an SQL query to recalculate and update the total cost of each order in the "Orders" table based on the prices and quantities in the "OrderDetails" table.

```
update  orders
join orderdetails on orders.order_id=orderdetails.order_id
join products on orderdetails.product_id=products.product_id
set orders.total_amount=products.price*orderdetails.quantity
```

order_id	customer_id	order_date	total_amount
1	1	2025-03-20 21:37:27	21000
2	2	2025-03-20 10:25:32	35200
3	3	2025-03-20 10:25:32	88000
4	4	2025-03-20 10:25:32	37400
5	5	2025-03-20 10:25:32	39600
6	6	2025-03-20 10:25:32	26400
7	7	2025-03-20 10:25:32	44000
8	8	2025-03-20 10:25:32	35200
9	9	2025-03-20 10:25:32	74800
10	1	2025-03-20 10:25:32	88000
NULL	NULL	NULL	NULL

9. Write an SQL query to delete all orders and their associated order details for a specific customer from the "Orders" and "OrderDetails" tables. Allow users to input the customer ID as a parameter.

```
DELETE orderdetails,orders FROM orders
JOIN orderdetails ON orders.order_id = orderdetails.order_id
WHERE orders.customer_id = 3;
```

	orderdetailid	order_id	product_id	quantity
▶	2	2	2	1
	4	4	4	1
	5	5	5	2
	6	6	6	1
	7	7	1	2
	8	8	2	1
	9	9	4	2
	10	10	3	1
*	NULL	NULL	NULL	NULL

10. Write an SQL query to insert a new electronic gadget product into the "Products" table, including product name, category, price, and any other relevant details.

insert into products values(7,'redmi note 8 pro','4g mobile,64 gb storage,8 gb ram',15000);

	product_id	product_name	description	price
▶	1	vivo t3	5g mobile,128 gb storage,6 gb ram	22000
	2	Samsung Galaxy A54	5G mobile, 128GB storage, 8GB RAM	35200
	3	iPhone 15	5G mobile, 256GB storage, 6GB RAM	88000
	4	OnePlus Nord 3	5G mobile, 256GB storage, 12GB RAM	37400
	5	Realme Narzo 60	5G mobile, 128GB storage, 6GB RAM	19800
	6	Redmi Note 12 Pro	5G mobile, 128GB storage, 8GB RAM	26400
	7	redmi note 8 pro	4g mobile,64 gb storage,8 gb ram	15000
*	NULL	NULL	NULL	NULL

11. Write an SQL query to update the status of a specific order in the "Orders" table (e.g., from

"Pending" to "Shipped"). Allow users to input the order ID and the new status.

update orders

set status='shipped' where order_id=1

order_id	customer_id	order_date	total_amount	status
1	1	2025-03-20 21:37:27	21000	shipped
4	4	2025-03-20 10:25:32	37400	pending
5	5	2025-03-20 10:25:32	39600	shipped
6	6	2025-03-20 10:25:32	26400	shipped
7	7	2025-03-20 10:25:32	44000	pending
8	8	2025-03-20 10:25:32	35200	pending
9	9	2025-03-20 10:25:32	74800	pending
10	1	2025-03-20 10:25:32	88000	pending

12. Write an SQL query to calculate and update the number of orders placed by each customer

in the "Customers" table based on the data in the "Orders" table.

update customers

set no_of_orders=(select count(order_id) from orders where customers.customer_id=orders.customer_id);

customer_id	first_name	last_name	email	phone	address	no_of_orders
1	harrikisan	M	harrikisan5577@gmail.com	9345520672	abc street	2
2	Jane Smith	F	janesmith@example.com	9123456789	456 Oak St	0
3	Alice Johnson	F	alicejohnson@gmail.com	9765432109	789 Pine St	0
4	Bob Brown	M	bobbrown@example.com	9345678901	101 Birch St	1
5	Charlie Davis	M	charliedavis@example.com	9212345678	202 Cedar St	1
6	Eva Williams	F	evawilliams@example.com	9456781234	303 Elm St	1
7	George Harris	M	georgeharris@example.com	9108765432	404 Willow St	1
8	Mia Clark	F	miaclark@example.com	9348123567	505 Redwood St	1
9	Liam Lee	M	liamlee@example.com	9123478901	606 Sequoia St	1
10	Praveenkumar	M	praveenkumar8844@gmail.com	8610481045	9123478901	0
NULL	NULL	NULL	NULL	NULL	NULL	NULL