Harrikisan M

HEXAWARE-TRAINING

Assignment-1

Task-1

CREATE DATABASE TECHSHOP;

USE TECHSHOP;

create table customers(

customer_id int primary key auto_increment,

first_name varchar(100) not null,

last_name varchar(100),

email varchar(100) not null,

phone varchar(50),

address varchar(100)

);

create table products(

product_id int primary key auto_increment,

product_name varchar(100) not null,

description varchar(100) ,

price int

);

```sql
create table orders(

order_id int primary key auto_increment,

customer_id int,

order_date timestamp default current_timestamp,

total_amount varchar(100),

foreign key (customer_id) references customers(customer_id)

);


create table orderdetails(

orderdetailid int primary key auto_increment,

order_id int,

product_id int,

quantity int not null,

foreign key (order_id) references orders(order_id),

foreign key (product_id) references products(product_id)

);


create table inventory(

inventory_id int primary key auto_increment,

product_id int,

quantityinstock int,

laststockupdate date,

foreign key (product_id) references products(product_id)

);
```

show tables;

```
1 • show tables
```

Tables_in_techshop
customers
inventory
orderdetails
orders
products

describe customers;

```
1   describe customers
```

Field	Type	Null	Key	Default	Extra
customer_id	int(11)	NO	PRI	NULL	auto_increment
first_name	varchar(100)	NO		NULL	
last_name	varchar(100)	YES		NULL	
email	varchar(100)	NO		NULL	
phone	varchar(50)	YES		NULL	
address	varchar(100)	YES		NULL	

describe products

```
1       describe products
```

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

Field	Type	Null	Key	Default	Extra
product_id	int(11)	NO	PRI	NULL	auto_increment
product_name	varchar(100)	NO		NULL	
description	varchar(100)	YES		NULL	
price	int(11)	YES		NULL	

describe orders

```
1       describe orders
```

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

Field	Type	Null	Key	Default	Extra
order_id	int(11)	NO	PRI	NULL	auto_increment
customer_id	int(11)	YES	MUL	NULL	
order_date	timestamp	NO		current_timestamp()	
total_amount	varchar(100)	YES		NULL	

describe orderdetails

```
1 •    DESCRIBE ORDERDETAILS
2
```

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

Field	Type	Null	Key	Default	Extra
orderdetailid	int(11)	NO	PRI	NULL	auto_increment
order_id	int(11)	YES	MUL	NULL	
product_id	int(11)	YES	MUL	NULL	
quantity	int(11)	NO		NULL	

describe inventory

```
1      describe inventory
```

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

Field	Type	Null	Key	Default	Extra
inventory_id	int(11)	NO	PRI	NULL	auto_increment
product_id	int(11)	YES	MUL	NULL	
quantityinstock	int(11)	YES		NULL	
laststockupdate	date	YES		NULL	

INSERT INTO customers

VALUES (1, 'Harrikisan', 'M', 'harrikisan5577@gmail.com', '9345520672', 'abc street');

INSERT INTO customers

VALUES (2, 'Jane Smith', 'F', 'janesmith@example.com', '9123456789', '456 Oak St');

INSERT INTO customers

VALUES (3, 'Alice Johnson', 'F', 'alicej@example.com', '9765432109', '789 Pine St');

INSERT INTO customers

VALUES (4, 'Bob Brown', 'M', 'bobbrown@example.com', '9345678901', '101 Birch St');

INSERT INTO customers

VALUES (5, 'Charlie Davis', 'M', 'charliedavis@example.com', '9212345678', '202 Cedar St');

INSERT INTO customers

VALUES (6, 'Eva Williams', 'F', 'evawilliams@example.com', '9456781234', '303 Elm St');

INSERT INTO customers

VALUES (7, 'George Harris', 'M', 'georgeharris@example.com', '9108765432', '404 Willow St');

INSERT INTO customers

VALUES (8, 'Mia Clark', 'F', 'miaclark@example.com', '9348123567', '505 Redwood St');

INSERT INTO customers

VALUES (9, 'Liam Lee', 'M', 'liamlee@example.com', '9123478901', '606 Sequoia St');

Select * from customers.

```sql
1    select * from customers
2
```

	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	alicej@example.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	404 Willow 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
*	NULL	NULL	NULL	NULL	NULL	NULL

INSERT INTO PRODUCTS VALUES(1,'vivo t3','5g mobile,128 gb storage,6 gb ram','20000');

INSERT INTO PRODUCTS VALUES (2, 'Samsung Galaxy A54', '5G mobile, 128GB storage, 8GB RAM', '32000');

INSERT INTO PRODUCTS VALUES (3, 'iPhone 15', '5G mobile, 256GB storage, 6GB RAM', '80000');

INSERT INTO PRODUCTS VALUES (4, 'OnePlus Nord 3', '5G mobile, 256GB storage, 12GB RAM', '34000');

INSERT INTO PRODUCTS VALUES (5, 'Realme Narzo 60', '5G mobile, 128GB storage, 6GB RAM', '18000');

INSERT INTO PRODUCTS VALUES (6, 'Redmi Note 12 Pro', '5G mobile, 128GB storage, 8GB RAM', '24000');

SELECT * FROM PRODUCTS;

```
1    SELECT * FROM PRODUCTS
```

product_id	product_name	description	price
1	vivo t3	5g mobile,128 gb storage,6 gb ram	20000
2	Samsung Galaxy A54	5G mobile, 128GB storage, 8GB RAM	32000
3	iPhone 15	5G mobile, 256GB storage, 6GB RAM	80000
4	OnePlus Nord 3	5G mobile, 256GB storage, 12GB RAM	34000
5	Realme Narzo 60	5G mobile, 128GB storage, 6GB RAM	18000
6	Redmi Note 12 Pro	5G mobile, 128GB storage, 8GB RAM	24000
NULL	NULL	NULL	NULL

INSERT INTO ORDERS VALUES(1,1,now(),'21000');

INSERT INTO ORDERS VALUES (2, 2, NOW(), 32000);

INSERT INTO ORDERS VALUES (3, 3, NOW(), 80000);

INSERT INTO ORDERS VALUES (4, 4, NOW(), 34000);

INSERT INTO ORDERS VALUES (5, 5, NOW(), 18000);

INSERT INTO ORDERS VALUES (6, 6, NOW(), 24000);

INSERT INTO ORDERS VALUES (7, 7, NOW(), 20000);

INSERT INTO ORDERS VALUES (8, 8, NOW(), 32000);

INSERT INTO ORDERS VALUES (9, 9, NOW(), 34000);

INSERT INTO ORDERS VALUES (10, 1, NOW(), 80000);

SELECT * FROM ORDERS

order_id	customer_id	order_date	total_amount
1	1	2025-03-20 10:22:25	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

INSERT INTO ORDERDETAILS VALUES (1, 1, 1, 1);

INSERT INTO ORDERDETAILS VALUES (2, 2, 2, 1);

INSERT INTO ORDERDETAILS VALUES (3, 3, 3, 1);

INSERT INTO ORDERDETAILS VALUES (4, 4, 4, 1);

INSERT INTO ORDERDETAILS VALUES (5, 5, 5, 2);

INSERT INTO ORDERDETAILS VALUES (6, 6, 6, 1);

INSERT INTO ORDERDETAILS VALUES (7, 7, 1, 2);

INSERT INTO ORDERDETAILS VALUES (8, 8, 2, 1);

INSERT INTO ORDERDETAILS VALUES (9, 9, 4, 2);

INSERT INTO ORDERDETAILS VALUES (10, 10, 3, 1);

SELECT * FROM ORDERDETAILS;

```sql
1 •     SELECT * FROM ORDERDETAILS
2
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

orderdetailid	order_id	product_id	quantity
1	1	1	1
2	2	2	1
3	3	3	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

INSERT INTO inventory VALUES (1, 1, 1, '2025-03-21');

INSERT INTO inventory VALUES (2, 2, 5, '2025-03-21');

INSERT INTO inventory VALUES (3, 3, 2, '2025-03-22');

INSERT INTO inventory VALUES (4, 4, 10, '2025-03-23');

INSERT INTO inventory VALUES (5, 5, 7, '2025-03-24');

INSERT INTO inventory VALUES (6, 6, 3, '2025-03-25');

INSERT INTO inventory VALUES (7, 1, 6, '2025-03-26');

INSERT INTO inventory VALUES (8, 2, 8, '2025-03-27');

INSERT INTO inventory VALUES (9, 3, 4, '2025-03-28');

INSERT INTO inventory VALUES (10, 4, 9, '2025-03-29');

Select * from inventory

```
1 •    select * from inventory
```

Result Grid | 🔲 | ↩ Filter Rows: [   ] | Edit: 🖉 📥 📤 | Export/Import: 🗃 🗂 | Wrap Cell Content: ‍IA

inventory_id	product_id	quantityinstock	laststockupdate
1	1	1	2025-03-20
2	2	5	2025-03-21
3	3	2	2025-03-22
4	4	10	2025-03-23
5	5	7	2025-03-24
6	6	3	2025-03-25
7	1	6	2025-03-2 2025-03-25
8	2	8	2025-03-27
9	3	4	2025-03-28
10	4	9	2025-03-29
NULL	NULL	NULL	NULL