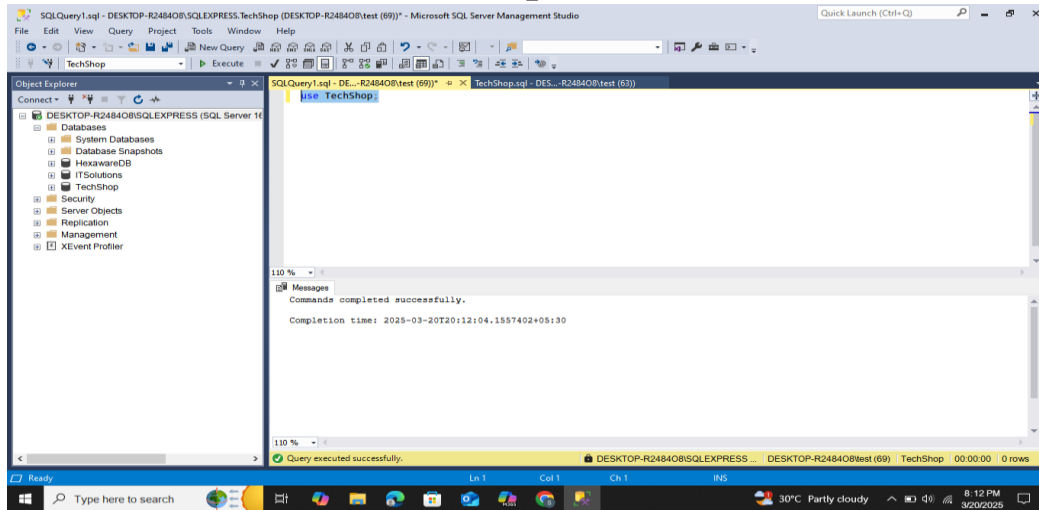


# Hexaware Training Assignment

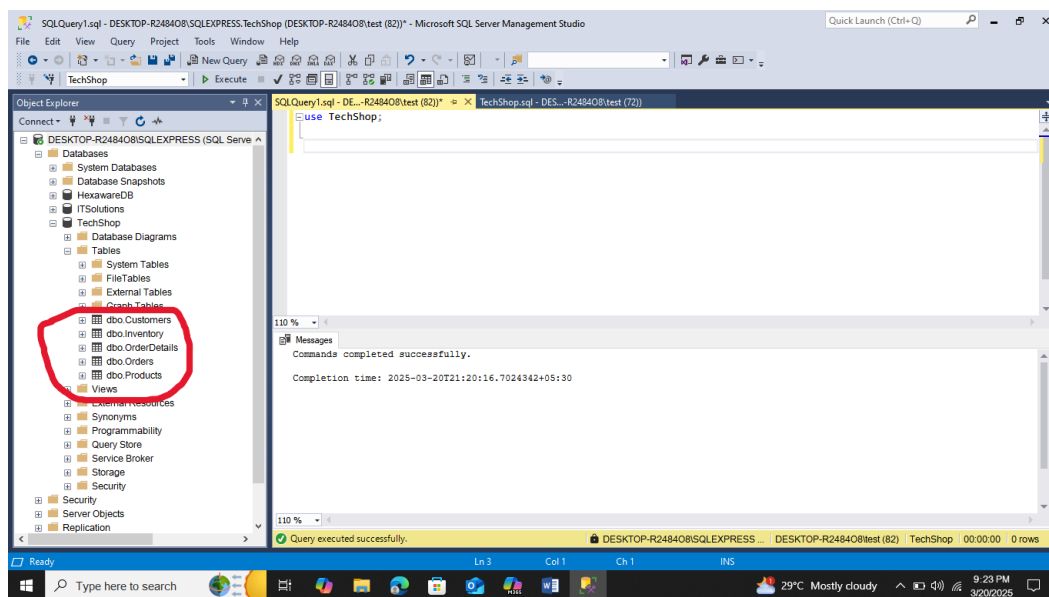
## TechShop

### Task 1

- Database named “TechShop” Created



- All Table mentioned are created and values are inserted



- Inserting Values in Customers Table

The screenshot shows the Microsoft SQL Server Management Studio interface. The Object Explorer on the left displays the database structure, including the 'Customers' table. The SQL query editor in the center contains an INSERT statement to add 11 new customer records. The Results pane at the bottom displays the data after the query is executed successfully.

```
--Inserting Values into customers
insert into Customers (FirstName, LastName, Email, Phone, [Address]) values
('Mohan', 'Prabu', 'mohanprabu.g12@gmail.com', '8056850242', 'Kolathur, Chennai'),
('Sindhya', 'Rani', 'sindhya22188@gmail.com', '8838753551', 'Kolathur, Chennai'),
('Luffy', 'Monkey', 'luffy@gmail.com', '6677889900', '1000, Sunny Way, Grand Line'),
('Zoro', 'Roronoa', 'zoro@gmail.com', '5566778899', 'Shimotsuki Village, East Blue'),
('Nami', 'Cat Burglar', 'nami@gmail.com', '4455667788', 'Cocoyasi Village, East Blue'),
('Sanji', 'Vinsmoke', 'sanji@gmail.com', '3344556677', 'Baratie, North Blue'),
('Chopper', 'Tony', 'chopper@gmail.com', '2233445566', 'Drum Island, Grand Line'),
('Nico', 'Robin', 'robin@gmail.com', '7788990011', 'Ohara, West Blue'),
('Franky', 'Cyborg', 'franky@gmail.com', '8899001122', 'Water 7, Grand Line'),
('Jinbe', null, 'jinbe@gmail.com', '1314151617', 'Fisherman Island');
```

CustomerID	First Name	Last Name	Email	Phone	Address	OrderCount
1	Mohan	Prabu	mohanprabu.g12@gmail.com	8056850242	Kolathur, Chennai	1
2	Sindhya	Rani	sindhya22188@gmail.com	8838753551	Kolathur, Chennai	1
3	Luffy	Monkey	luffy@gmail.com	6677889900	1000, Sunny Way, Grand Line	1
4	Zoro	Roronoa	zoro@gmail.com	5566778899	Shimotsuki Village, East Blue	0
5	Nami	Cat Burglar	nami@gmail.com	4455667788	Cocoyasi Village, East Blue	2
6	Sanji	Vinsmoke	sanji@gmail.com	3344556677	Baratie, North Blue	1
7	Chopper	Tony	chopper@gmail.com	2233445566	Drum Island, Grand Line	1
8	Nico	Robin	robin@gmail.com	7788990011	Ohara, West Blue	1
9	Franky	Cyborg	franky@gmail.com	8899001122	Water 7, Grand Line	1
10	Jinbe	NULL	jinbe@gmail.com	1314151617	Fisherman Island	1
11	sudharshan	M	sudharshan.m.2021.ecr@gmail.com	9444705542	Kolathur, Chennai	0

- Inserting Values in Products Table

The screenshot shows the Microsoft SQL Server Management Studio interface. The Object Explorer on the left displays the database structure, including the 'Products' table. The SQL query editor in the center contains an INSERT statement to add 11 new product records. The Results pane at the bottom displays the data after the query is executed successfully.

```
--Inserting Values into products
insert into Products (ProductName, Description, Price) values
('Smartphone', 'Latest model', 999.99),
('Laptop', 'High-performance laptop', 5999.99),
('Tablet', 'Portable tablet', 5000),
('Smartwatch', 'Water-resistant smartwatch', 200),
('Headphones', 'Noise-cancelling wireless headphones', 249.99),
('Smart TV', '4K Ultra HD Smart TV', 899.99),
('Portable Charger', 'Compact portable charger', 29.99),
('Bluetooth Speaker', 'Wireless Bluetooth speaker', 79.99),
('VR Headset', 'Virtual reality headset', 399.99),
('Gaming Console', '4K gaming console', 499.99);
```

ProductID	ProductName	Description	Price
1	Smartphone	Latest model	1099.989
2	Laptop	High-performance laptop	6599.989
3	Tablet	Portable tablet	5500.000
4	Smartwatch	Water-resistant smartwatch	220.000
5	Headphones	Noise-cancelling wireless headphones	274.989
6	Smart TV	4K Ultra HD Smart TV	989.989
7	Portable Charger	Compact portable charger	32.989
8	Bluetooth Speaker	Wireless Bluetooth speaker	87.989
9	VR Headset	Virtual reality headset	439.989
10	Gaming Console	4K gaming console	549.989
11	Wireless Earbuds	Noise cancelling	600.000

- Inserting Values into Orders Table

The screenshot shows the Microsoft SQL Server Management Studio interface. The 'Object Explorer' on the left displays the database structure for 'DESKTOP-R248408\SQLEXPRESS'. The 'TechShop' database is expanded, showing tables like 'Orders'. The 'SQLQuery1.sql' editor in the center contains the following SQL code:

```
--inserting into orders
insert into orders(CustomerID,TotalAmount)values
(1,999.99),
(2,200),
(3,500),
(4,1000),
(5,2000),
(6,3000),
(7,599.99),
(8,699.99),
(9,7000),
(10,8000);

select * from Orders
```

The 'Results' pane at the bottom displays the data from the 'Orders' table:

OrderID	CustomerID	OrderDate	TotalAmount	Status
1	1	2025-03-20 10:22:09.420	1099.99	pending
2	2	2025-03-20 10:22:09.420	220.00	pending
3	3	2025-03-20 10:22:09.420	440.00	pending
4	5	2025-03-20 10:22:09.420	6599.99	Shipped
5	6	2025-03-20 10:22:09.420	909.99	pending
6	7	2025-03-20 10:22:09.420	65.98	pending
7	8	2025-03-20 10:22:09.420	87.99	pending
8	9	2025-03-20 10:22:09.420	439.99	pending
9	11	2025-03-20 00:00:00.000	NULL	pending
10	12	2025-03-20 12:43:06.327	600.00	pending

The status bar at the bottom indicates 'Query executed successfully.' and '10 rows'.

- Inserting Values in OrderDetails Table

The screenshot shows the Microsoft SQL Server Management Studio interface. The 'Object Explorer' on the left displays the database structure for 'DESKTOP-R248408\SQLEXPRESS'. The 'TechShop' database is expanded, showing tables like 'OrderDetails'. The 'SQLQuery1.sql' editor in the center contains the following SQL code:

```
--inserting into orderdetails
insert into OrderDetails(OrderID,ProductID,Quantity)values
(1,1,1),
(2,4,1),
(3,4,2),
(4,10,1),
(5,2,1),
(6,6,1),
(7,7,2),
(8,8,1),
(9,9,1),
(10,10,1);

select * from OrderDetails
```

The 'Results' pane at the bottom displays the data from the 'OrderDetails' table:

OrderDetailID	OrderID	ProductID	Quantity
1	1	1	1
2	2	4	1
3	3	4	2
4	5	2	1
5	6	6	1
6	7	7	2
7	8	8	1
8	9	9	1

The status bar at the bottom indicates 'Query executed successfully.' and '8 rows'.

- Inserting Values into Inventory Table

The screenshot displays the Microsoft SQL Server Management Studio interface. The Object Explorer on the left shows the database structure for 'TechShop', including tables like 'Inventory', 'Customers', 'OrderDetails', 'Products', 'Views', 'External Resources', 'Synonyms', 'Programmability', 'Query Store', 'Service Broker', 'Storage', 'Security', 'Server Objects', and 'Replication'. The main query window shows the following SQL script:

```
--inserting into inventory
insert into Inventory(ProductID, LastStockUpdate, QuantityInStock) values
(1, '2025-03-01', 5),
(2, '2025-03-01', 3),
(3, '2025-03-01', 2),
(4, '2025-03-01', 2),
(5, '2025-03-01', 8),
(6, '2025-03-01', 4),
(7, '2025-03-01', 10),
(8, '2025-03-01', 2),
(9, '2025-03-01', 7),
(10, '2025-03-01', 5);

select * from Inventory
```

The Results pane at the bottom shows the output of the 'select \* from Inventory' query, displaying 10 rows of data:

InventoryID	ProductID	QuantityInStock	LastStockUpdate
1	1	5	2025-03-01 00:00:00.000
2	2	3	2025-03-01 00:00:00.000
3	3	2	2025-03-01 00:00:00.000
4	4	2	2025-03-01 00:00:00.000
5	5	8	2025-03-01 00:00:00.000
6	6	4	2025-03-01 00:00:00.000
7	7	10	2025-03-01 00:00:00.000
8	8	2	2025-03-01 00:00:00.000
9	9	7	2025-03-01 00:00:00.000
10	10	5	2025-03-01 00:00:00.000

The status bar at the bottom indicates 'Query executed successfully.' and '10 rows'.