

## **ASSIGNMENTS QUESTIONS**

### **Q1) Create Database Name as Order\_Stores\_Data**

Create database Order\_Stores\_Data;

### **Q2) Create two Table names as Orders\_Table and Stores\_Table**

Create table Orders\_Table(

Order\_Date Date,

Region varchar(20),

Rep varchar(20),

Order\_Item varchar(20),

Units int,

Unit\_Cost Decimal(4,2),

Total\_Price Decimal(6,3),

Order\_Id int primary key

);

Create table Stores\_Table(

Store\_Id int primary key,

Store\_Type varchar(2),

Assortment int,

Competition\_Distance int,

Month int,

Year int,

Promo\_Interval varchar(10)

);

### **Q3) Insert All records present here in the Orders\_table and Stores\_Table.**

Insert into Orders\_Table (Order\_Date, Region, Rep, Order\_Item, Units, Unit\_Cost, Total\_Price, Order\_Id) values

('2021-01-06', 'East', 'Aruna','Pencil', 95, 01.99, 189.005, 1),

('2021-01-23', 'Central', 'Kivell', 'Eraser', 50, 19.99, 099.050, 2);

Insert into Stores\_Table (Store\_Id, Store\_Type, Assortment, Competition\_Distance, Month, Year, Promo\_Interval) values

(1, 'c', 47, 1270, 9, 2008, 'Jan'),

(2, 'a', 33, 570, 11, 2007, 'Feb');

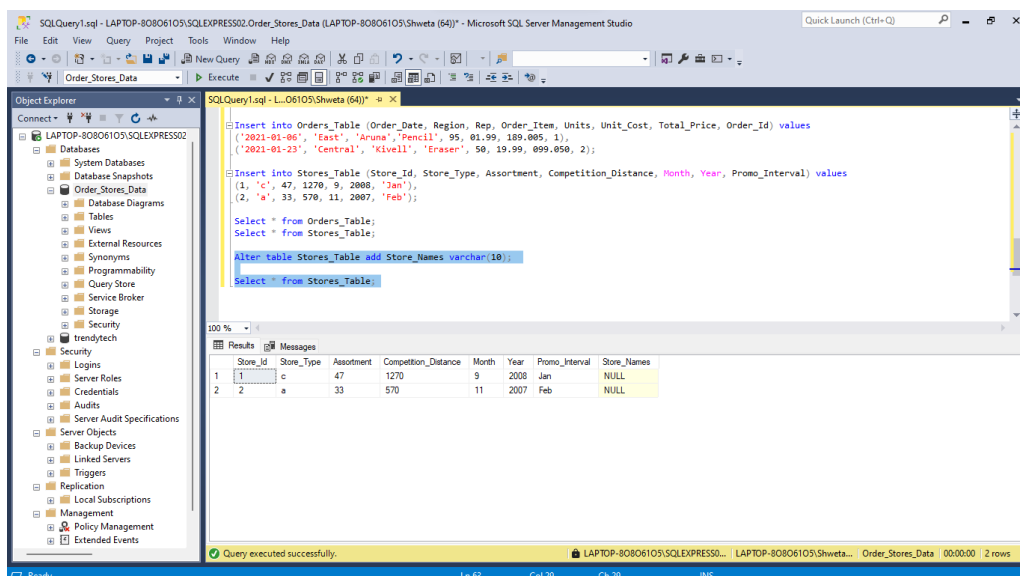
### Q3) Make Order\_Id Column as Primary Key.

Alter table Orders\_Table add primary key(Order\_Id);

### Q4) Add one Column Name as Store\_Names and insert the records given above in Stores table.

Alter table Stores\_Table add Store\_Names varchar(10);

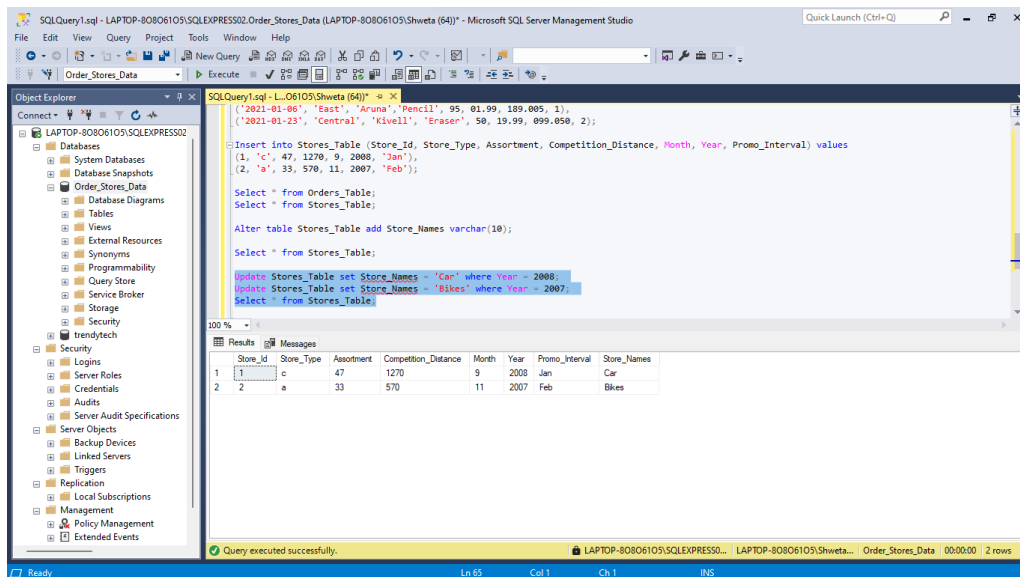
Select \* from Stores\_Table;



Update Stores\_Table set Store\_Names = 'Car' where Year = 2008;

Update Stores\_Table set Store\_Names = 'Bikes' where Year = 2007;

Select \* from Stores\_Table;



**Q6) Update the missing records in the Order\_item Column in Order\_table missing records are given in this sheet**

Update Orders\_Table set Order\_Item = 'Compass' where Rep = 'Ganesh';

Update Orders\_Table set Order\_Item = 'Torch' where Rep = 'Payal';

Update Orders\_Table set Order\_Item = 'Phone' where Rep = 'Sorvino';

Update Orders\_Table set Order\_Item = 'Laptop' where Rep = 'Akshita';

Update Orders\_Table set Order\_Item = 'Box' where Rep = 'Surbhi';

**Q7) Update the missing records in the PromoInterval Column in Stores Table.**

Update Stores\_Table set Promo\_Interval = 'Feb' where Year = 2009;

Update Stores\_Table set Promo\_Interval = 'Sep' where Year = 2013;

Update Stores\_Table set Promo\_Interval = 'Mar' where Year = 2000;

**Q8) Rename the column name of Assortment to Store\_Nos in Stores\_Table.**

Alter table Stores\_Table RENAME column Assortment to Store\_Nos;

**Q9) Rename the column name of Order\_Item to Item\_name and Rep Column as Customers\_name in Orders\_Table.**

Alter table Orders\_Table RENAME column Order\_Item to Item\_Name;

Alter table Orders\_Table RENAME column Rep to Customer\_Name;

**Q10) Sort the Unit Cost of Orders\_table in Descding order and Total column in Ascending order.**

Select Unit\_Cost from Orders\_Table order by Unit\_Cost desc;

Select Total\_Price from Orders\_Table order by Total\_Price;

**Q11) Convert Customers\_name to Cus\_Name and find how many Cus\_Name in each region.**

Alter table Orders\_Table RENAME column Customer\_Name to Cus\_Name;

Select Count( \*) from Orders\_Table order by Region;

**Q12) Find the sum of Total\_Price Column and Unit Cost in Orders\_Table**

Select sum(Total\_Price) as Sum\_Total\_Price, sum(Unit\_Cost) as Sum\_Unit\_Cost from Orders\_Table;

**Q13) Show me OrderDate , Unit Cost , StoreType and Year in One table and names that table as Order\_Stores\_Table.**

Select Orders\_Table.Order\_Date, Orders\_Table.Unit\_Cost, Stores\_Table.Store\_Type, Stores\_Table.Year from Orders\_Table join Stores\_Table on Orders\_Table.Order\_Id = Stores\_Table.Store\_Id ;

Create view Order\_Stores\_Table as Select Orders\_Table.Order\_Date, Orders\_Table.Unit\_Cost, Stores\_Table.Store\_Type, Stores\_Table.Year from Orders\_Table join Stores\_Table on Orders\_Table.Order\_Id = Stores\_Table.Store\_Id;

Select \* from Order\_Stores\_Table;

**Q14) Give me Order\_Item and Region whose Order\_Id is 4 , 5, 6 ,9**

Select Order\_Item, Region from Orders\_Table where Order\_Id in (4,5,6,9);

**Q15) Show me year whose CompetitionDistance is 29910 , 310 , 3160**

Select Year from Stores\_Table where Competition\_Distance in (29910 , 310 , 3160);

**Q16) Give me that Item\_name whose Total\_Price is greater than 200 and less than 400**

Select Item\_Name from Orders\_Table where Total\_Price between 200 and 400;

**Q17) Rename the CompetitionDistance as CD and find the total CD in Stores\_Table.**

Alter table Stores\_Table RENAME column Competition\_Distance to CD;

Select sum(CD) as Sum\_CD from Stores\_Table;

**Q18) What is the Total Count of Stores\_Type and CD columns**

Select Count(distinct Store\_Type) from Store\_Table;

**Q19) Apply the Cross Join in Orders\_Table and Stores\_Table.**

Select \* from Orders\_Table, Stores\_Table;

**Q20) DROP both the databases**

Drop database Order\_Stores\_Data;