```sql
-- CustomerTable DDL Script
create table dbo.CustomerTable
(
CustomerID int Primary Key Not null,
CustomerName varchar(50) Not null,
CustomerState char(2) Not null,
SalesPersonID int Not null
)
;

-- Customer Table DML Script
USE [Lab 3]
GO

INSERT INTO [dbo].[CustomerTable]
           ([CustomerName]
           ,[CustomerState]
           ,[SalesPersonID])
     VALUES
           ('Great Store',
               'AL',
               '1')

               ,
               ('Tech World',
               'AK',
               '2')

               ,
               ('Office Mart',
               'AZ',
               '3')

               ,
               ('Gadget Spot',
               'AR',
               '4')

               ,
               ('Lisa Supplies',
               'CA',
               '5')

               ,
               ('Quick Computers',
               'CO',
               '6')

               ,
               ('Power Tools',
               'CT',
               '7')

               ,
               ('Desk Depot',
               'DE',
               '8')

               ,
               ('Central Tech',
               'FL',
               '9')

               ,
               ('Best Goods',
               'GA',
               '10')

               ,
```

```
('Super Office',
'HI',
'11')
,
('Paper Plus',
'ID',
'12')
,
('City Tech',
'IL',
'13')
,
('Joe Warehouse',
'IN',
'14')
,
('Budget Mart',
'IA',
'15')
,
('Easy Tech',
'KS',
'16')
,
('Big Buy',
'KY',
'17')
,
('Daily Deals',
'LA',
'18')
,
('Home Office',
'ME',
'19')
,
('Print Shop',
'MD',
'20')
,
('Quick Office',
'MA',
'21')
,
('Supply Hub',
'MI',
'22')
,
('Kevin Tools',
'MN',
'23')
,
('Ready Store',
'MS',
'24')
,
('Simple Solutions',
'MO',
'25')
```

```sql
GO
;

-- SalesPerson DDL Script
create table dbo.SalesPersonTable
(
SalesPersonID int Primary Key Not null,
FirstName varchar(50) Not null,
LastName varchar(50) Not null,
)
;

-- SalesPerson DML Script
USE [Lab 3]
GO

INSERT INTO [dbo].[SalesPersonTable]
           ([FirstName]
           ,[LastName])
     VALUES
           ('Emma',
               'Carter')
               ,
               ('Liam',
               'Bennett')
               ,
               ('Olivia',
               'Foster')
               ,
               ('Michael',
               'Basille')
               ,
               ('Haley',
               'Patrick')
               ,
               ('Mason',
               'Powell')
               ,
               ('Sophia',
               'Hayes')
               ,
               ('Thomas',
               'Franks')
               ,
               ('Isabella',
               'Rhodes')
               ,
               ('Lucas',
               'Perry')
               ,
               ('Mackenzie',
               'Ortleb')
               ,
               ('Ethan',
               'Harper')
               ,
               ('Susan',
```

```sql
                'Richards')

                ,
                ('James',
                'Holland')

                ,
                ('Charlotte',
                'Vaughn')

                ,
                ('Ben',
                'Bigogno')

                ,
                ('Johnny',
                'Pusateri')

                ,
                ('Logan',
                'Newman')

                ,
                ('Evelyn',
                'Walters')

                ,
                ('Alex',
                'Orf')

                ,
                ('Abigail',
                'Steele')

                ,
                ('Daniel',
                'Greene')

                ,
                ('Ella',
                'Franklin')

                ,
                ('Henry',
                'Chandler')

                ,
                ('Lily',
                'Douglas')

GO
;

-- Orders1Table DDL Script
create table dbo.Orders1Table
(
OrderNumber varchar(20) Primary Key Not null,
OrderDate Date Not null,
CustomerID int Not null,
)
;

-- Orders1Table DML Script
USE [Lab 3]
GO

INSERT INTO [dbo].[Orders1Table]
            ([OrderNumber]
            ,[OrderDate]
            ,[CustomerID])
      VALUES
```

```
('O1001',
    '2022-01-14',
    '1')
    ,
    ('01002',
    '2022-02-03',
    '2')
    ,
    ('01003',
    '2022-03-21',
    '3')
    ,
    ('01004',
    '2022-04-17',
    '4')
    ,
    ('01005',
    '2022-05-05',
    '5')
    ,
    ('01006',
    '2022-06-11',
    '6')
    ,
    ('01007',
    '2022-07-29',
    '7')
    ,
    ('01008',
    '2022-08-15',
    '8')
    ,
    ('01009',
    '2022-09-23',
    '9')
    ,
    ('01010',
    '2022-10-08',
    '10')
    ,
    ('01011',
    '2022-11-19',
    '11')
    ,
    ('01012',
    '2022-12-03',
    '12')
    ,
    ('01013',
    '2023-01-07',
    '13')
    ,
    ('01014',
    '2023-02-10',
    '14')
    ,
    ('01015',
    '2023-03-16',
    '15')
```

```
                    ,
                    ('O1016',
                    '2023-04-25',
                    '16')

                    ,
                    ('O1017',
                    '2023-05-30',
                    '17')

                    ,
                    ('O1018',
                    '2023-06-12',
                    '18')

                    ,
                    ('O1019',
                    '2023-07-20',
                    '19')

                    ,
                    ('O1020',
                    '2023-08-05',
                    '20')

                    ,
                    ('O1021',
                    '2023-09-09',
                    '21')

                    ,
                    ('O1022',
                    '2023-10-14',
                    '22')

                    ,
                    ('O1023',
                    '2023-11-18',
                    '23')

                    ,
                    ('O1024',
                    '2023-12-22',
                    '24')

                    ,
                    ('O1025',
                    '2024-01-03',
                    '25')
    GO
    ;


    -- OrderDetails1Table DDL Script
    create table dbo.OrderDetails1Table
    (
    OrderNumberDetailInfoID int Primary Key Not null,
    OrderNumber varchar(20) Not null,
    Item varchar(50) Not null,
    Quantity int Not Null,
    PriceUSD Decimal (10, 2) Not null
    )
    ;


    -- OrderDetails1Table DML Script
    USE [Lab 3]
    GO

    INSERT INTO [dbo].[OrderDetails1Table]
```

```sql
    ([OrderNumber]
    ,[Item]
    ,[Quantity]
    ,[PriceUSD])
VALUES
    ('O1001',
    'Wireless Mouse',
    '2',
    '25.00')

    ,('O1002',
    'Laptop Backpack',
    '1',
    '45.00')

    ,('O1003',
    'Mechanical Keyboard',
    '3',
    '60.00')

    ,('O1004',
    'USB-C Cord',
    '4',
    '35.00')

    ,('O1005',
    'Noise-Cancelling Headphones',
    '2',
    '120.00')

    ,('O1006',
    'Web Camera',
    '2',
    '50.00')

    ,('O1007',
    'Desk Lamp',
    '1',
    '30.00')

    ,('O1008',
    'Monitor Stand',
    '1',
    '40.00')

    ,('O1009',
    'Wireless Charger',
    '3',
    '20.00')

    ,('O1010',
    'Bluetooth Speaker',
    '2',
    '55.00')

    ,('O1011',
    'Ergonomic Chair',
    '1',
    '180.00')
```

,
 ('O1012',
'Standing Desk',
'21',
'250.00')
,
 ('O1013',
'External Hard Drive',
'2',
'75.00')
,
 ('O1014',
'Portable SSD',
'1',
'90.00')
,
 ('O1015',
'Smartwatch',
'2',
'150.00')
,
 ('O1016',
'HDMI Cable Pack',
'5',
'15.00')
,
 ('O1017',
'Surge Protector',
'3',
'18.00')
,
 ('O1018',
'Fitness Tracker',
'2',
'85.00')
,
 ('O1019',
'Drawing Tablet',
'1',
'110.00')
,
 ('O1020',
'Smartphone Tripod',
'2',
'22.00')
,
 ('O1021',
'Graphic Calculator',
'4',
'65.00')
,
 ('O1022',
'Stylus Pen',
'3',
'12.00')
,
 ('O1023',
'Dual Monitor',
'2',

```sql
                    '300.00')

                    ,
                     ('O1024',
                    'Mini Projector',
                    '1',
                    '130.00')

                    ,
                     ('O1025',
                    'Laptop Cooling Pad',
                    '2',
                    '28.00')
;

-- Conversion from USD to Euro Script
create function dbo.USDToEuroConversion(@PriceUSD decimal(10, 2))
returns decimal(10, 2)
AS

begin
    declare @EuroRate decimal(10, 5) = 0.88;

        return @PriceUSD * @EuroRate;
end
;

-- Conversion Script Put to Use
SELECT TOP (1000) [OrderNumberDetailInfoID]
       ,[OrderNumber]
       ,[Item]
       ,[Quantity]
       ,[PriceUSD]
          ,dbo.USDToEuroConversion(PriceUSD) AS PriceEuro
   FROM [Lab 3].[dbo].[OrderDetails1Table]
   GO
;

-- Stored Procedure for New Sales Person
create procedure dbo.NewSalesPerson
    @SalesPersonID int,
      @FirstName varchar(50),
    @LastName varchar(50)

as

begin
    insert into SalesPersonTable (SalesPersonID, FirstName, LastName)
    values (@SalesPersonID, @FirstName, @LastName);

end
GO
;

-- Most Expensive Item Per Customer DDL Script
CREATE VIEW MostExpensiveItemPerCustomer AS
SELECT ct.CustomerID,
    ct.CustomerName,
    od.Item,
    od.PriceUSD
FROM CustomerTable ct
```

```sql
inner join
      Orders1Table o
ON ct.CustomerID=o.CustomerID
inner join
      OrderDetails1Table od
ON o.OrderNumber=od.OrderNumber
WHERE od.PriceUSD= (
      SELECT MAX(od.PriceUSD)
      FROM Orders1Table o
      inner join
            OrderDetails1Table od
      ON o.OrderNumber=od.OrderNumber
      WHERE o.CustomerID=ct.CustomerID
)
GO
;

-- Most Expensive Item Per Sales Person DDL Script
CREATE VIEW MostExpensiveItemPerSalesPerson AS
SELECT
     sp.SalesPersonID,
     sp.FirstName,
     sp.LastName,
     od.Item,
     od.PriceUSD
FROM SalesPersonTable sp
inner join
      CustomerTable ct
ON sp.SalesPersonID=ct.SalesPersonID
inner join
      Orders1Table o
ON ct.CustomerID=o.CustomerID
inner join
      OrderDetails1Table od
ON o.OrderNumber=od.OrderNumber
WHERE od.PriceUSD= (
     SELECT MAX(od.PriceUSD)
     FROM CustomerTable ct
     inner join
            Orders1Table o
     ON ct.CustomerID=o.CustomerID
     inner join
            OrderDetails1Table od
     ON o.OrderNumber=od.OrderNumber
     WHERE ct.SalesPersonID=sp.SalesPersonID
)
;

-- Sales People and Customers DDL Script
Create View [dbo].[CustomersAndSalesPersons] As

select sp.FirstName
         ,sp.LastName
         ,ct.CustomerName


from dbo.SalesPersonTable sp
inner join
      dbo.CustomerTable ct
```

```sql
on      sp.SalesPersonID=ct.SalesPersonID
GO
;
```