JOSE ANGULO ASSIGNMENT 1

1.

```
--1.
SELECT P.ProductCode AS 'Product Code'
, P.ProductName AS 'Product Name'
, P.ListPrice AS 'List Price'
, P.DiscountPercent 'Discount Percent'
FROM Products as P
ORDER BY P.ListPrice DESC;

--2.
SELECT C.LastName + ', ' + C.FirstName AS 'FullName'
FROM Customers AS C
WHERE C.LastName LIKE '[M-Z]%'
```

00 %

Results Messages

	Product Code	Product Name	List Price	Discount Percent
1	sg	Gibson SG	2517.00	52.00
2	les_paul	Gibson Les Paul	1199.00	30.00
3	precision	Fender Precision	799.99	30.00
4	tama	Tama 5-Piece Drum Set with Cymbals	799.99	15.00
5	ludwig	Ludwig 5-piece Drum Set with Cymbals	699.99	30.00
6	strat	Fender Stratocaster	699.00	30.00
7	hofner	Hofner Icon	499.99	25.00
8	fg700s	Yamaha FG700S	489.99	38.00
9	rodriguez	Rodriguez Caballero 11	415.00	39.00
10	washburn	Washburn D10S	299.00	0.00

2.

```
--2.
SELECT C.LastName + ', ' + C.FirstName AS 'FullName'
FROM Customers AS C
WHERE C.LastName LIKE '[M-Z]%'
ORDER BY C.LastName ASC;

--3.
SELECT P.ProductName
, P.ListPrice
, P.DateAdded
```

100 %

Results | Messages

	FullName
1	Sherwood, Allan
2	Valentino, Erin
3	Wilson, Frank Lee
4	Zimmer, Barry

3.

```
--3.
SELECT P.ProductName
, P.ListPrice
, P.DateAdded
FROM Products AS P
WHERE P.ListPrice BETWEEN 500 AND 2000
ORDER BY P.DateAdded DESC;

--4.
SELECT P.ProductName
```

00 %

Results | Messages

	ProductName	ListPrice	DateAdded
1	Tama 5-Piece Drum Set with Cymbals	799.99	2012-07-30 13:14:15.000
2	Ludwig 5-piece Drum Set with Cymbals	699.99	2012-07-30 12:46:40.000
3	Fender Precision	799.99	2012-06-01 11:29:35.000
4	Gibson Les Paul	1199.00	2011-12-05 16:33:13.000
5	Fender Stratocaster	699.00	2011-10-30 09:32:40.000

4.

```sql
--4.
SELECT P.ProductName
, P.ListPrice
, P.DiscountPercent
, P.ListPrice * (P.DiscountPercent / 100) AS 'DiscountAmount'
, P.ListPrice * ((100 - P.DiscountPercent) / 100) AS 'DiscountPrice'
FROM Products AS P
ORDER BY DiscountPrice DESC;

--5.
SELECT O.ItemID
```

100 %

Results Messages

	ProductName	ListPrice	DiscountPercent	DiscountAmount	DiscountPrice
1	Gibson SG	2517.00	52.00	1308.84	1208.16
2	Gibson Les Paul	1199.00	30.00	359.70	839.30
3	Tama 5-Piece Drum Set with Cymbals	799.99	15.00	119.9985	679.9915
4	Fender Precision	799.99	30.00	239.997	559.993
5	Ludwig 5-piece Drum Set with Cymbals	699.99	30.00	209.997	489.993
6	Fender Stratocaster	699.00	30.00	209.70	489.30
7	Hofner Icon	499.99	25.00	124.9975	374.9925
8	Yamaha FG700S	489.99	38.00	186.1962	303.7938
9	Washburn D10S	299.00	0.00	0.00	299.00
10	Rodriguez Caballero 11	415.00	39.00	161.85	253.15

5.

```sql
--5.
SELECT O.ItemID
, O.ItemPrice
, O.DiscountAmount
, O.Quantity
, O.Quantity * O.ItemPrice AS 'PriceTotal'
, O.Quantity * O.DiscountAmount AS 'DiscountTotal'
, (O.ItemPrice - O.DiscountAmount) * O.Quantity AS 'ItemTotal'
FROM OrderItems AS O
WHERE (O.ItemPrice - O.DiscountAmount) * O.Quantity > 500
ORDER BY (O.ItemPrice - O.DiscountAmount) * O.Quantity DESC;

--6.
```

100 %

Results Messages

	ItemID	ItemPrice	DiscountAmount	Quantity	PriceTotal	DiscountTotal	ItemTotal
1	5	1199.00	359.70	2	2398.00	719.40	1678.60
2	3	2517.00	1308.84	1	2517.00	1308.84	1208.16
3	1	1199.00	359.70	1	1199.00	359.70	839.30
4	11	799.99	120.00	1	799.99	120.00	679.99
5	9	799.99	240.00	1	799.99	240.00	559.99

6.

```sql
--6.
SELECT O.OrderID
, O.OrderDate
, O.ShipDate
FROM Orders AS O
WHERE O.ShipDate IS NULL;

--7.
DECLARE @Price int = 100
, @TaxRate float = .07
```

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⊞ Results 🗊 Messages

	OrderID	OrderDate	ShipDate
1	6	2012-03-31 18:37:22.000	NULL
2	8	2012-04-02 11:26:38.000	NULL
3	9	2012-04-03 12:22:31.000	NULL

7.

```sql
--7.
DECLARE @Price int = 100
, @TaxRate float = .07
, @TaxAmount float = 100 * .07
, @Total float = 100 + (100 * .07)
SELECT @Price AS 'Price'
, @TaxRate AS 'TaxRate'
, @TaxAmount AS 'TaxAmount'
, @Total AS 'Total';
```

100 % ▼ ◀

⊞ Results 🗊 Messages

	Price	TaxRate	TaxAmount	Total
1	100	0.07	7	107