

## Lab 2

1)

```
--1) List all vendor names in capital letters.  
Select UPPER(v_name) AS "Vendor Name"  
From vendor
```

Query Result x

SQL | All Rows Fetched: 11 in 0.006 seconds

	Vendor Name
1	BRYSON, INC.
2	SUPERLOO, INC.
3	D&E SUPPLY
4	GOMEZ BROS.
5	DOME SUPPLY
6	RANDSETS LTD.
7	BRACKMAN BROS.
8	ORDVA, INC.
9	B&K, INC.
10	DAMAL SUPPLIES
11	RUBICON SYSTEMS

2)

```
--2) List all vendor codes, names and contact info (the area code and phone number must be combined using the CONCAT SQL function).  
Select  
vendor.*,  
Concat(concat(v_areacode, '-'), v_phone) AS "Telephone Number"  
From vendor
```

Query Result x

SQL | All Rows Fetched: 11 in 0.007 seconds

	V_CODE	V_NAME	V_CONTACT	V_AREACODE	V_PHONE	V_STATE	V_ORDER	Telephone Number
1	21225	Bryson, Inc.	Smithson	615	223-3234	TN	Y	615-223-3234
2	21226	SuperLoo, Inc.	Flushing	904	215-8995	FL	N	904-215-8995
3	21231	D&E Supply	Singh	615	228-3245	TN	Y	615-228-3245
4	21344	Gomez Bros.	Ortega	615	889-2546	KY	N	615-889-2546
5	22567	Dome Supply	Smith	901	678-1419	GA	N	901-678-1419
6	23119	Randsets Ltd.	Anderson	901	678-3998	GA	Y	901-678-3998
7	24004	Brackman Bros.	Browning	615	228-1410	TN	N	615-228-1410
8	24288	ORDVA, Inc.	Hakford	615	898-1234	TN	Y	615-898-1234
9	25443	B&K, Inc.	Smith	904	227-0093	FL	N	904-227-0093
10	25501	Damal Supplies	Smythe	615	890-3529	TN	N	615-890-3529
11	25595	Rubicon Systems	Orton	904	456-0092	FL	Y	904-456-0092

3)

```
--3) Count all the vendors operating in Florida (FL).  
Select COUNT(v_state) "Vendors in Florida"  
From vendor  
Where v_state = 'FL';
```

Query Result x

SQL | All Rows Fetched: 1 in 0.003 seconds

	Vendors in State
1	3

4)

```
--4) Find the average price of products offered by the vendor whose code is 24288.
Select AVG(p_price) "Average Price"
From product
Where v_code = '24288';
```

[illegible]

5)

```
--5) Find the cheapest product.
```

```

Select *
From Product
Where
    p_price = (select MIN(p_price) "Min Price" from product)

```

P_CODE	P_DESCRIPT	P_INDATE	P_QOH	P_MIN	P_PRICE	P_DISCOUNT	V_CODE
1 54778-2T	Rat-tail file, 1/8-in. fine	11-12-15	43	20	4.99	0	21344

6)

```
--6) How many products are offered by the vendor whose code is 25595
```

```
Select COUNT(v_code) "Number of Products"
From product
Where v_code = '25595';
```

Query Result x

SQL | All Rows Fetched: 1 in 0.002 seconds

Number of Products
1
3

7)

```
--7) What is the most expensive product that is provided by a vendor whose code is 24288.
```

```
Select *
From product
Where
    p_price = (Select MAX(p_price) from product
    Where v_code = '24288')
```

P_CODE	P_DESCRIPT	P_INDATE	P_QOH	P_MIN	P_PRICE	P_DISCOUNT	V_CODE
189-WRE-Q	Hicut chain saw, 16 in.	12-02-07	11	5	256.99	0.05	24288