Write a SQL query to display the contents of the view VendorContractView:
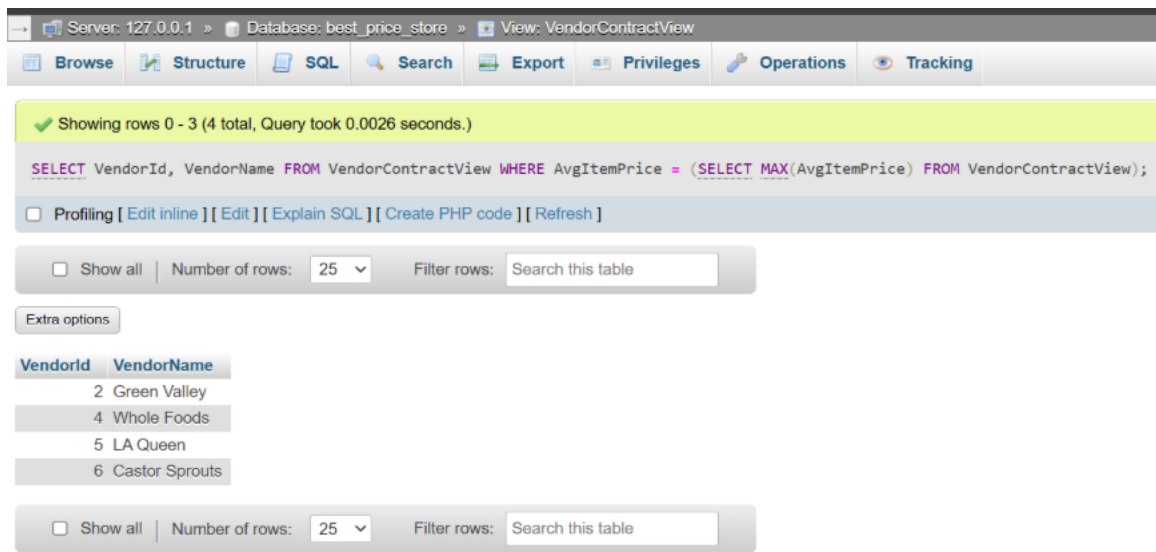
Column names:

VendorId   VendorName   ContractCount   AvgItemPrice


```
CREATE VIEW VendorContractView AS
SELECT
   v.vId AS VendorId,
   v.Vname AS VendorName,
   COUNT(DISTINCT c.ctId) AS ContractCount,
   ROUND(AVG(vi.Vprice)) AS AvgItemPrice
FROM VENDOR v
LEFT JOIN CONTRACT c ON v.vId = c.vId
LEFT JOIN VENDOR_ITEM vi ON v.vId = vi.vId
GROUP BY v.vId, v.Vname;
```


QV1 Use VendorContractView to retrieve a list of all records where each record is comprised of the vendor Id, vendor name with the maximum average price of Items

Column names:

VendorId   VendorName


```
SELECT VendorId, VendorName
FROM VendorContractView
WHERE AvgItemPrice = (SELECT MAX(AvgItemPrice) FROM VendorContractView);
```


VendorId	VendorName
2	Green Valley
4	Whole Foods
5	LA Queen
6	Castor Sprouts

QV2 Use VendorContractView to retrieve a list of records where each record is comprised of the vendor name, the total number of contracts, and the average price of Items for all vendors.

Column names:

VendorName   ContractCount   AvgItemPrice

SELECT VendorName, ContractCount, AvgItemPrice
FROM VendorContractView;

VendorName	ContractCount	AvgItemPrice
Organic Nature	0	2
Green Valley	4	3
Green Mountains	1	2
Whole Foods	2	3
LA Queen	5	3
Castor Sprouts	0	3

QV3 Use the view VendorContractView to generate the min, max and average contacts by all the vendors in the VendorContractView

Column names:

MinContracts   MaxContracts   AvgContracts

SELECT
   MIN(ContractCount) AS MinContracts,
   MAX(ContractCount) AS MaxContracts,
   AVG(ContractCount) AS AvgContracts
FROM VendorContractView;

✓ Showing rows 0 - 0 (1 total, Query took 0.0010 seconds.)

SELECT MIN(ContractCount) AS MinContracts, MAX(ContractCount) AS MaxContracts, AVG(ContractCount) AS AvgContracts FROM VendorContractView;

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all   Number of rows: 25 ▾   Filter rows: Search this table

Extra options

MinContracts	MaxContracts	AvgContracts
0	5	2.0000

☐ Show all   Number of rows: 25 ▾   Filter rows: Search this table

Query results operations

🖶 Print   Copy to clipboard   Export   Display chart   Create view

🔖 Bookmark this SQL query

■ Console

QV4 Use the VendorContractView to retrieve a list of records with the vendor name and the number of contracts for each vendor, sorted by the number of contracts in descending order.

Column Names:

VendorName   ContractCount

SELECT VendorName, ContractCount
FROM VendorContractView
ORDER BY ContractCount DESC;

✓ Showing rows 0 - 5 (6 total, Query took 0.0008 seconds.) [ContractCount: 5... - 0...]

SELECT VendorName, ContractCount FROM VendorContractView ORDER BY ContractCount DESC;

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all   Number of rows: 25 ▾   Filter rows: Search this table

Extra options

VendorName	ContractCount ▾ 1
LA Queen	5
Green Valley	4
Whole Foods	2
Green Mountains	1
Organic Nature	0
Castor Sprouts	0

☐ Show all   Number of rows: 25 ▾   Filter rows: Search this table

Query results operations
■ Console

QV5 Use the view VendorContractView to retrieve the total number of vendors, the total number of contracts, and the average price of items supplied by the vendors.

Column names:

TotalVendors   TotalContracts   AvgItemPrice

SELECT
   COUNT(VendorId) AS TotalVendors,
   SUM(ContractCount) AS TotalContracts,
   ROUND(AVG(AvgItemPrice)) AS AvgItemPrice
FROM VendorContractView;

Here, the AvgItemPrice was rounded from 2.67 to 3