

Part 1:

Q1 (Search):

BEST PRICE

Groceries

New Item

ID	Name	Description	Store Price	
6	Onion	Vitamin C,K	\$6	

Q2 (Insert):

BEST PRICE

Groceries

New Item

New Item

Item Name

Description

Store Price

Cancel Save

ID	Name	Description	Store Price	
6	Onion			

New Item

ID	Name	Description	Store Price	
27	Frozen Broccoli	Green and healthy	\$1000	

Q3 (Edit):

BEST PRICE

Groceries

ID	Name	Description	Store Price	
27	Frozen Broccoli		5000	

Edit Item 27

Item Name

Description

Store Price

ID	Name	Description	Store Price	
27	Organic Fresh ...	Even Greener and healthier!	\$5000	

Q4 (Delete):

Item successfully deleted.

ID	Name	Description	Store Price
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Part 2:

Create view **VendorContractView**:

create view VendorContractView as

```

select V.vld as VendorId, V.Vname as VendorName, count(distinct C.ctld) as
ContractCount, round(avg(I.Vprice)) as AverageltemPrice
from vendor as V
join contract as C on V.vld=C.vld
join vendor_item as I on V.vld=I.vld
group by V.vld, V.Vname;

```

Show contents of VendorContractView:

✓ Showing rows 0 - 3 (4 total, Query took 0.0013 seconds.)

```
SELECT * FROM `vendorcontractview`
```

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

☐ Show all | Number of rows: 25 ▾ Filter rows:

Extra options

VendorId	VendorName	ContractCount	AverageltemPrice
2	Green Valley	4	3
3	Green Mountains	1	2
4	Whole Foods	2	3
5	LA Queen	5	3

☐ Show all | Number of rows: 25 ▾ Filter rows:

QV1:

✓ Showing rows 0 - 2 (3 total, Query took 0.0014 seconds.)

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

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

☐ Show all | Number of rows: 25 ▾ Filter rows:

Extra options

VendorId	VendorName
2	Green Valley
4	Whole Foods
5	LA Queen

☐ Show all | Number of rows: 25 ▾ Filter rows:

QV2:

✓ Showing rows 0 - 3 (4 total, Query took 0.0012 seconds.)

```
select VendorName, ContractCount, AverageItemPrice from vendorcontractview;
```

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☐ Show all | Number of rows: 25 ▾ Filter rows:

Extra options

VendorName	ContractCount	AverageItemPrice
Green Valley	4	3
Green Mountains	1	2
Whole Foods	2	3
LA Queen	5	3

QV3:

✓ Showing rows 0 - 0 (1 total, Query took 0.0008 seconds.)

```
SELECT MIN(ContractCount) AS MinContracts, MAX(ContractCount) AS MaxContracts, ROUND(AVG(ContractCount), 2) AS AvgContracts FROM VendorContractView;
```

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

☐ Show all | Number of rows: 25 ▾ Filter rows:

Extra options

MinContracts	MaxContracts	AvgContracts
1	5	3.00

☐ Show all | Number of rows: 25 ▾ Filter rows:

QV4:

✓ Showing rows 0 - 3 (4 total, Query took 0.0013 seconds.) [ContractCount: 5... - 1...]

```
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:

Extra options

VendorName	ContractCount <input type="button" value="v"/>
LA Queen	5
Green Valley	4
Whole Foods	2
Green Mountains	1

☐ Show all | Number of rows: 25 Filter rows:

QV5:

Your SQL query has been executed successfully.

```
SELECT COUNT(VendorId) AS TotalVendors, SUM(ContractCount) AS TotalContracters, ROUND(AVG(AverageItemPrice), 2) AS AvgItemPrice FROM VendorContractView;
```

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

Extra options

TotalVendors	TotalContracters	AvgItemPrice
4	12	2.75