

Evan Varan, Ize4, Databases 4332, Project 2

Query 1:

Select all rows from the retail_order table where the order year is equal to 2020.

✓ Showing rows 0 - 1 (2 total, Query took 0.0002 seconds.)

```
SELECT * FROM `RETAIL_ORDER` WHERE OrderYear = 2020;
```

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☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

		OrderNumber	StoreNumber	StoreZIP	OrderMonth	OrderYear	OrderTotal
<input type="checkbox"/>	Edit	1000	10	98110	December	2020	\$445.00
<input type="checkbox"/>	Edit	2000	20	02335	December	2020	\$310.00

☐ Check all | With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

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Query 2:

Select all rows from the order_item table where the order number is not equal to 1000.

✓ Showing rows 0 - 4 (5 total, Query took 0.0002 seconds.)

```
SELECT * FROM `order_item` WHERE OrderNumber != 1000;
```

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☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

OrderNumber	SKU	Quantity	Price	ExtendedPrice
2000	101100	4	50.00	200.00
2000	101200	2	50.00	100.00
3000	101100	1	300.00	300.00
3000	101200	1	50.00	50.00
3000	101200	1	50.00	50.00

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query 3:

Select all rows from the order_item table. Displays the rows in descending order based on the price column.

✓ Showing rows 0 - 6 (7 total, Query took 0.0002 seconds.) [Price: [BLOB - 2 B]... - [BLOB - 3 B]...]

```
SELECT * FROM `order_item` ORDER BY Price DESC;
```

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☐ Show all | Number of rows: 25 ▾ | Filter rows: | Sort by key: None ▾

Extra options

OrderNumber	SKU	Quantity	Price ▾ 1	ExtendedPrice
2000	101100	4	50	200
2000	101200	2	50	100
3000	101200	1	50	50
3000	101200	1	50	50
1000	201000	1	300	300
3000	101100	1	300	300
1000	202000	1	130	130

☐ Show all | Number of rows: 25 ▾ | Filter rows: | Sort by key: None ▾

Query 4:

Select all rows from the order_item table. Display the rows in descending order based on both the price column and the extended price column.

✓ Showing rows 0 - 6 (7 total, Query took 0.0004 seconds.) [ExtendedPrice: [BLOB - 2 B]... - [BLOB - 3 B]...]

```
SELECT * FROM `order_item` ORDER by price DESC, ExtendedPrice DESC;
```

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☐ Show all | Number of rows: 25 ▾ | Filter rows: | Sort by key: None ▾

Extra options

OrderNumber	SKU	Quantity	Price	ExtendedPrice ▾ 2
3000	101200	1	50	50
3000	101200	1	50	50
2000	101100	4	50	200
2000	101200	2	50	100
1000	201000	1	300	300
3000	101100	1	300	300
1000	202000	1	130	130

☐ Show all | Number of rows: 25 ▾ | Filter rows: | Sort by key: None ▾

Query 5:

From the sku_data table, group the departments into types of departments, and how many entries there are in the original sku_data table for each department. Display this in a new table with departments and NumberOfSKU's as columns.

Showing rows 0 - 2 (3 total, Query took 0.0003 seconds.)

```
SELECT Department, COUNT(SKU) as NumberOfSKUs FROM sku_data GROUP by Department;
```

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

Extra options

Department	NumberOfSKUs
Camping	3
Climbing	2
Water Sports	8

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

Query 6:

From the sku_data table, group the buyers into different buyers, and how many sku's each buyer has. Only show buyers with more than two SKU's. Display this in a new table with buyers and TotalSKU's as columns.

Showing rows 0 - 1 (2 total, Query took 0.0002 seconds.)

```
SELECT SKU_DATA.Buyer, COUNT(SKU_DATA.SKU) AS TotalSKUs FROM SKU_DATA GROUP BY SKU_DATA.Buyer HAVING COUNT(SKU_DATA.SKU) > 2;
```

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

Extra options

Buyer	TotalSKUs
Cindy Lo	3
Pete Hansen	6

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

Query 7:

Joins the retail_order table and order_item table together.

✓ Showing rows 0 - 6 (7 total, Query took 0.0003 seconds.)

```
1 SELECT retail_order.OrderNumber, retail_order.StoreNumber, retail_order.StoreZIP, retail_order.OrderMonth,
2 retail_order.OrderYear, retail_order.OrderTotal, order_item.SKU, order_item.Quantity, order_item.Price, order_item.ExtendedPrice
3 FROM retail_order
4 JOIN order_item on retail_order.OrderNumber = order_item.OrderNumber;
```

☒ Enable foreign key checks

Go Cancel

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☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

OrderNumber	StoreNumber	StoreZIP	OrderMonth	OrderYear	OrderTotal	SKU	Quantity	Price	ExtendedPrice
1000	10	98110	December	2020	\$445.00	201000	1	300	300
1000	10	98110	December	2020	\$445.00	202000	1	130	130
2000	20	02335	December	2020	\$310.00	101100	4	50	200
2000	20	02335	December	2020	\$310.00	101200	2	50	100
3000	10	98110	January	2021	\$480.00	101100	1	300	300
3000	10	98110	January	2021	\$480.00	101200	1	50	50
3000	10	98110	January	2021	\$480.00	101200	1	50	50

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query 8:

Joins the sku_data and buyer table together and then groups in the same way as query 6. This grouping shows the amount of SKU's each buyer has, and their respective department.

✓ Showing rows 0 - 3 (4 total, Query took 0.0004 seconds.)

```
1 Select buyer.BuyerName, sku_data.Department, COUNT(sku_data.SKU) as TotalSKUs
2 FROM sku_data join buyer on sku_data.Buyer = buyer.BuyerName
3 group by buyer.BuyerName, sku_data.Department;
```

☒ Enable foreign key checks

Go Cancel

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

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

Extra options

BuyerName	Department	TotalSKUs
Cindy Lo	Camping	3
Jerry Martin	Climbing	2
Nancy Meyers	Water Sports	2
Pete Hansen	Water Sports	6

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