## Module 3 - Mini Project #6 - WRITING SQL QUERIES

## STEP 4

5 43

44

Dish Set

Blue

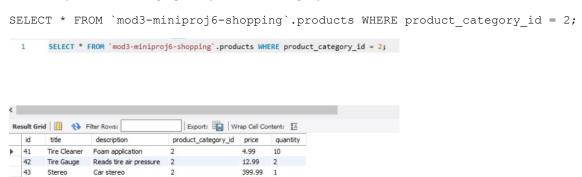
3

1. Get all orders from the most recent to the oldest.

SELECT \* FROM `mod3-miniproj6-shopping`.orders ORDER BY order date DESC; SELECT \* FROM `mod3-miniproj6-shopping`.orders ORDER BY order\_date DESC; Edit: 🕍 🔜 Export/Import: 🏣 🎳 | Wrap Cell Content: 🔝 product\_id name id email order\_date Amber Smith asmith@go.com 2022-03-05 00:00:01 4 42 bmorn@gmail.com 2022-03-02 00:10:08 Bob Morn Michelle Peters mpeters@gmail.com 2022-02-05 00:10:08 2022-01-02 00: 10:08

sam@go.com

2. Get all products belonging to a particular category.



3. Get the top three (3) most expensive products in the products table.

24.99 2

SELECT \* FROM `mod3-miniproj6-shopping`.products ORDER BY price DESC LIMIT 3; SELECT \* FROM `mod3-miniproj6-shopping`.products ORDER BY price DESC LIMIT 3; Export: Wrap Cell Content: A Fetch rows: id title description product\_category\_id price quantity 43 399.99 Stereo Car stereo 2 1 47 49.99 2 Skates Size 5T 6

## 4. Get the total number of products under each product category.

```
SELECT
  product categories.id,
  product categories. `Title`,
  COUNT (products.id) AS Total
FROM
  product categories
LEFT JOIN products ON product_categories.id = products.product_category_id
GROUP BY product categories.id, product categories. `Title`;
  1 • SELECT
      product_categories.id,
  2
      product_categories.`Title`,
  3
       COUNT(products.id) AS Total
     FROM
       product_categories
     LEFT JOIN products ON product_categories.id = products.product_category_id
     GROUP BY product_categories.id,product_categories.`Title`;
Export: Wrap Cell Content: IA
      Baby
  2 Automotive 3
      Household
              0
  4 Food
      Office Supplies 1
  6 Sporting Goods 1
      Toys
  8 Clothing 1
```

5. Get the top three (3) selling products based on the number of orders.

```
SELECT
  products.id,
  products.`Title`,
  COUNT(orders.id) AS Total
FROM
  products
LEFT JOIN orders ON products.id = orders.product_id
GROUP BY products.id,products.`Title`
ORDER BY Total DESC
LIMIT 3;
```

```
SELECT
  1 •
          products.id,
  2
          products.`Title`,
  3
  4
          COUNT(orders.id) AS Total
        FROM
  5
  6
          products
  7
        LEFT JOIN orders ON products.id = orders.product_id
  8
        GROUP BY products.id,products.`Title`
  9
        ORDER BY Total DESC
 10
        LIMIT 3;
                                      Export: Wrap Cell Content: 🔀 | Fetch rows:
Title
                  Total
   42
        Tire Gauge
                 2
   39
        Squishies 1
   43
        Stereo
                 1
```