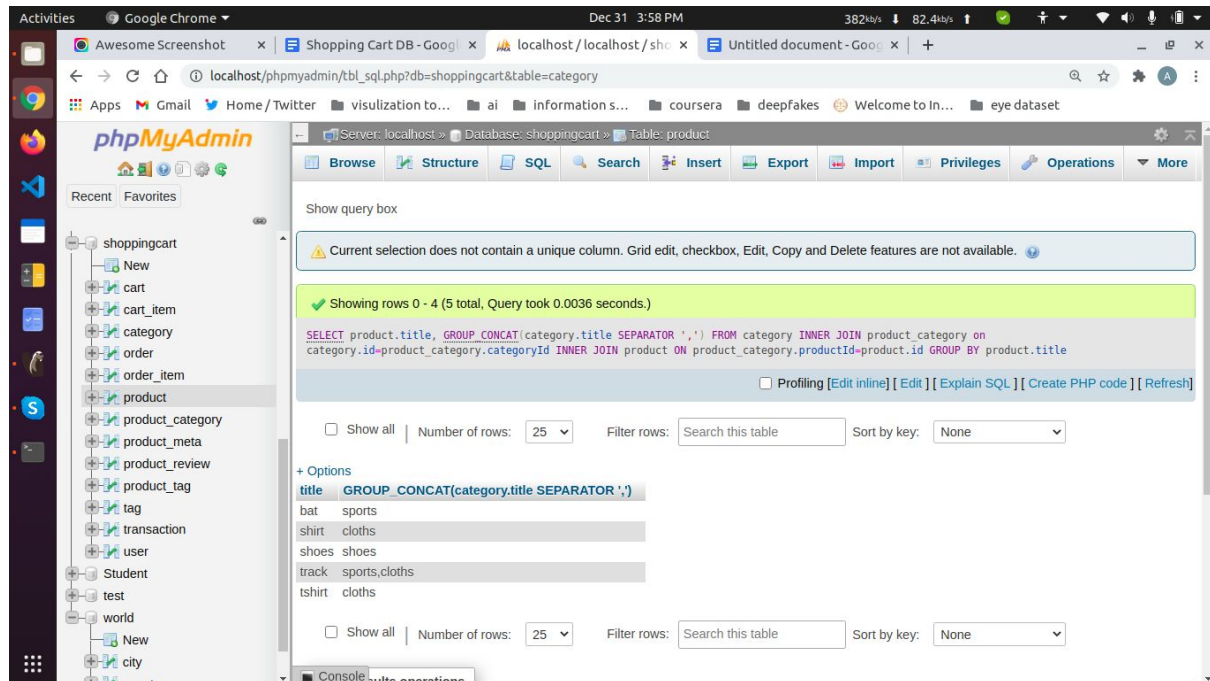# Shopping Cart Database
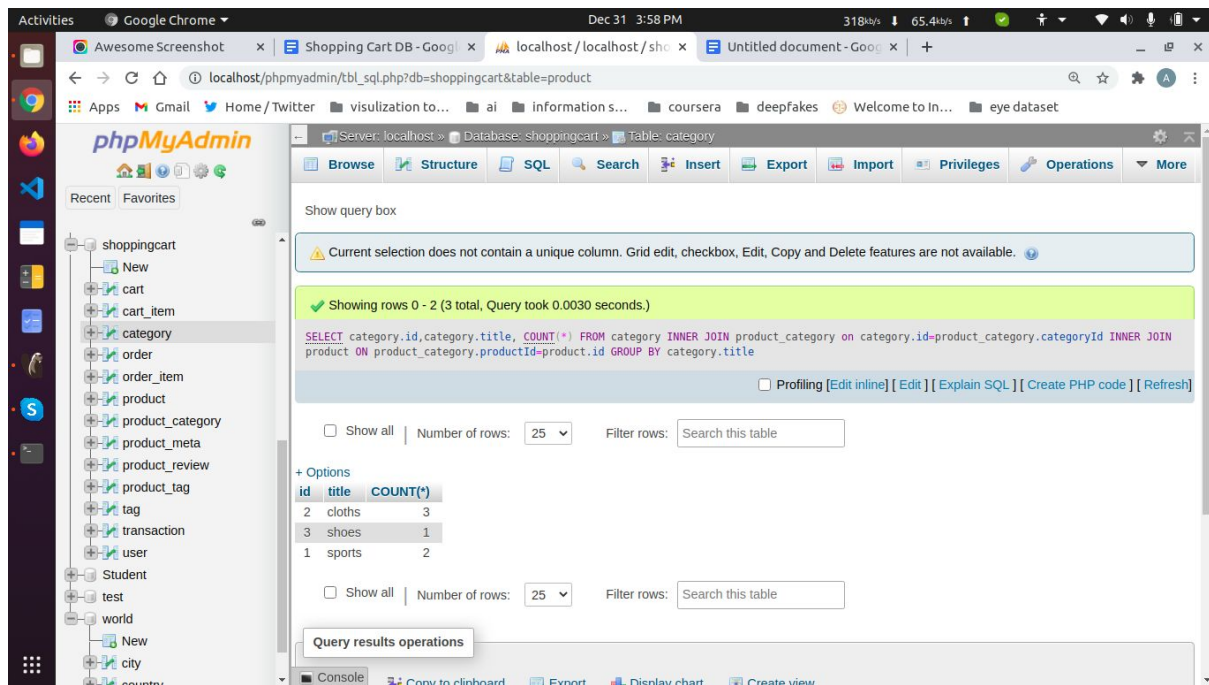
1)Get all the products with category column. One row for each product and category column should have values with commas if more than one category is assigned to the product.

```
SELECT product.title, GROUP_CONCAT(category.title SEPARATOR ',') FROM
category INNER JOIN product_category on category.id=product_category.categoryId INNER
JOIN product ON product_category.productId=product.id GROUP BY product.title
```
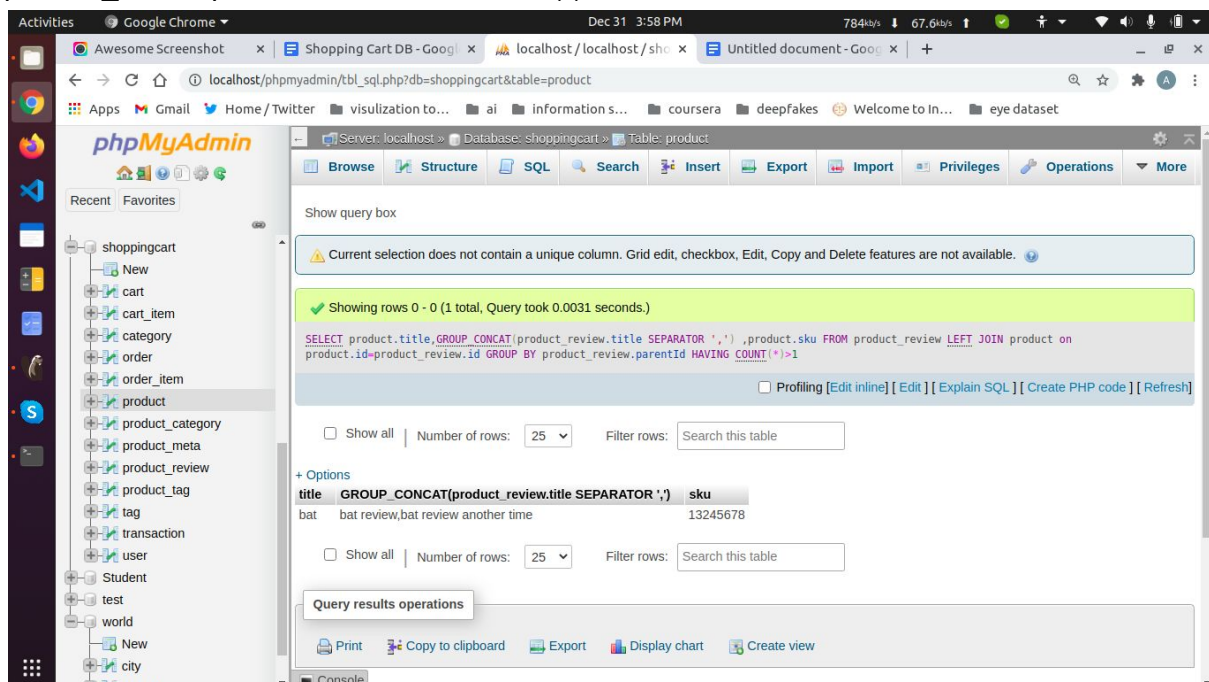

2)Get the category name and its product count. Three columns need to be displayed. category id, category name, product_count. Every parent category should have a product count with the sum of its child categories as well.

```
SELECT category.id,category.title, COUNT(*) FROM category INNER JOIN
product_category on category.id=product_category.categoryId INNER JOIN  product ON
product_category.productId=product.id GROUP BY category.title ;
```
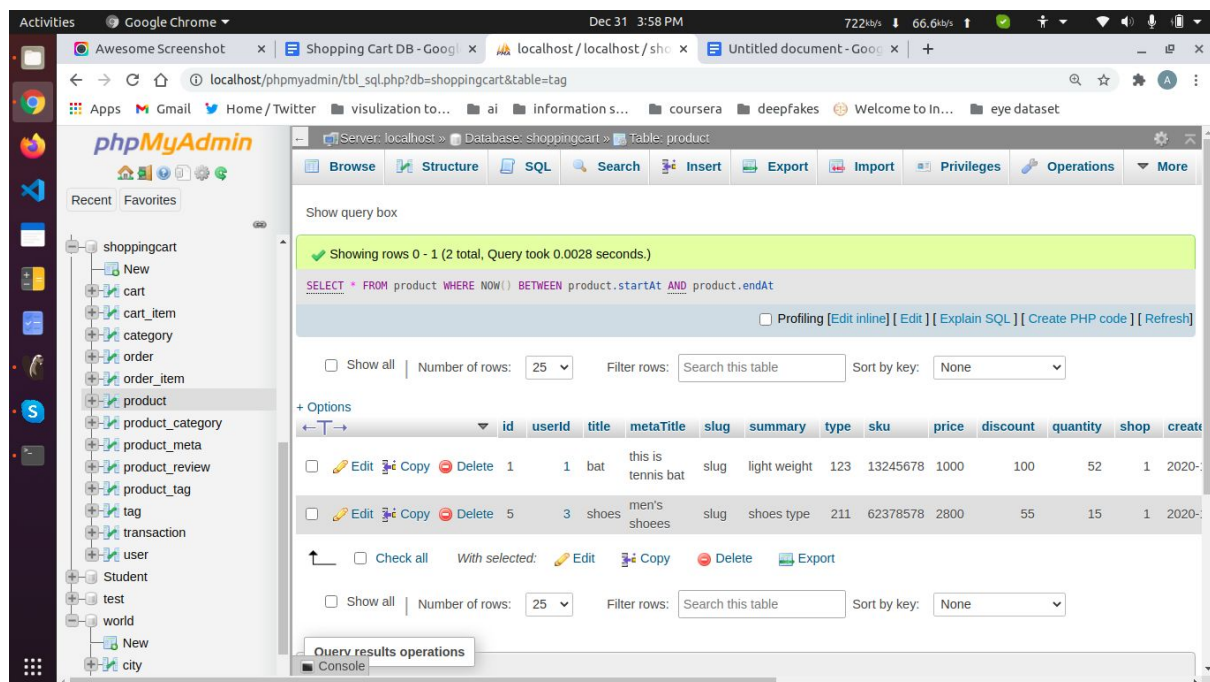
3)Get all the product reviews with SKU which are having at least one child review and the product must be set to shop field as 1 (active).

SELECT product.title,GROUP_CONCAT(product_review.title SEPARATOR ',') ,product.sku FROM product_review LEFT JOIN product on product.id=product_review.id GROUP BY product_review.parentId HAVING COUNT(*)>1
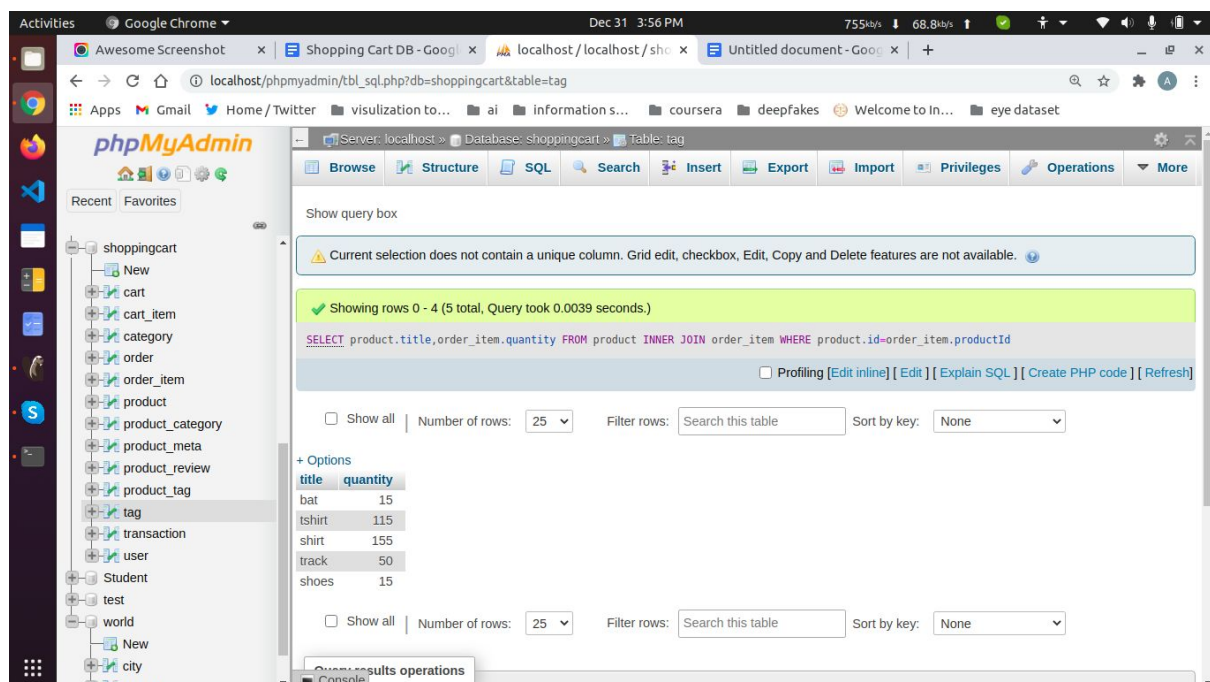

4)Get all the products with current time appearing between start date and end date.

SELECT * FROM product WHERE NOW() BETWEEN product.startAt AND product.endAt ;

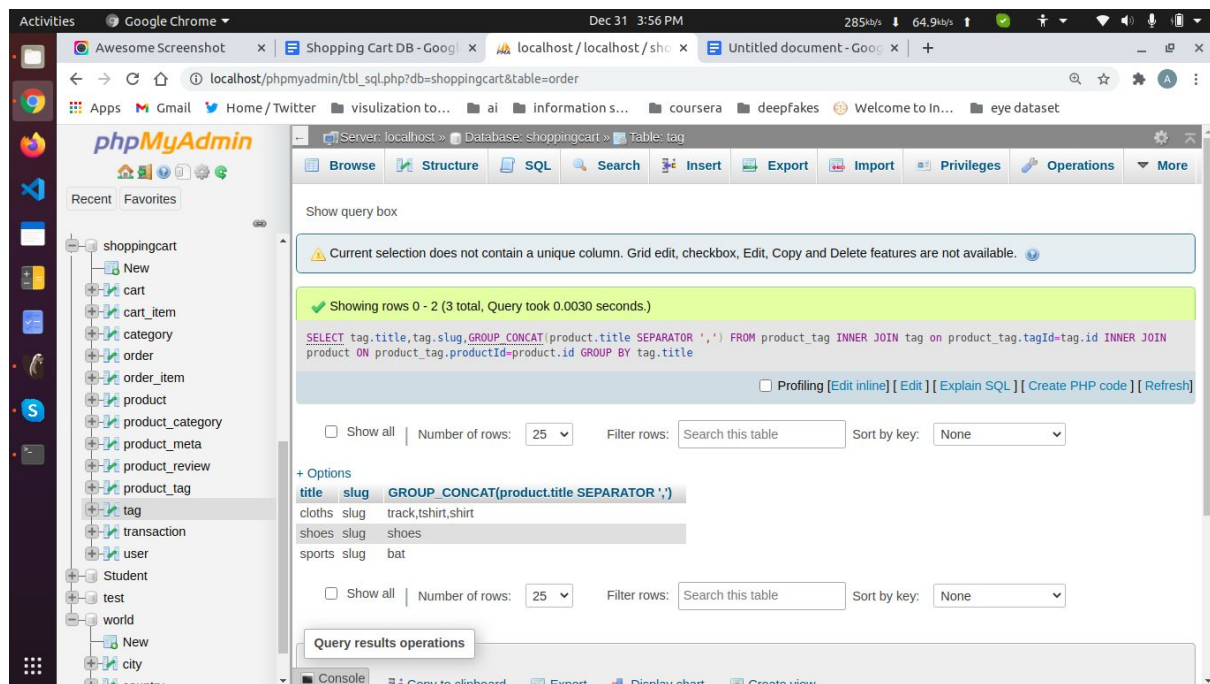5)Get total qty sold for each product. Two columns needed, product name and total qty sold.

SELECT product.title,order_item.quantity FROM product INNER JOIN order_item WHERE product.id=order_item.productId

6)Get today's total sale by the users. Columns needed User id, total orders, total sale (SUM of Grand Total), Total Discount (SUM of Discount).

7)List out all the tags with columns, Tag title, Slug, Product name with comma if multiple products have the same tag assigned.

SELECT tag.title,tag.slug,GROUP_CONCAT(product.title SEPARATOR ',') FROM product_tag INNER JOIN tag on product_tag.tagId=tag.id INNER JOIN product ON product_tag.productId=product.id GROUP BY tag.title

8)Sort users (Only customers) by latest order.

SELECT * from `order` WHERE `order`.userId IN(SELECT user.id from user where user.vendor=0) ORDER BY `order`.createdAt ASC

Awesome Screenshot   × | Shopping Cart DB - Goog   ×   localhost / localhost / sho   × | Untitled document - Goog   ×   +

← → ⟳ ⌂ ① localhost/phpmyadmin/tbl_sql.php?db=shoppingcart&table=order

Apps   M Gmail   Home / Twitter   visulization to...   ai   information s...   coursera   deepfakes   Welcome to In...   eye dataset

phpMyAdmin

Recent   Favorites

- shoppingcart
  - New
  - cart
  - cart_item
  - category
  - order
  - order_item
  - product
  - product_category
  - product_meta
  - product_review
  - product_tag
  - tag
  - transaction
  - user
- Student
- test
- world
  - New
  - city

Server: localhost » Database: shoppingcart » Table: order

Browse   Structure   SQL   Search   Insert   Export   Import   Privileges   Operations   ▼ More

Show query box

✔ Showing rows 0 - 1 (2 total, Query took 0.0023 seconds.) [createdAt: **2020-12-26 09:04:57...** - **2020-12-31 09:04:57...**]

SELECT * from `order` WHERE `order`.userId IN(SELECT user.id from user where user.vendor=0) ORDER BY `order`.createdAt ASC

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

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

+ Options

	id	userId	sessionId	token	status	subTotal	itemDiscount	tax	shipping	total	promo	disc
☐ 🖉 Edit 🗐 Copy ⊖ Delete	4	2	253456	167856789	1	6900		45	25	90	7880	12
☐ 🖉 Edit 🗐 Copy ⊖ Delete	2	3	441256	165423789	1	4600		45	25	78	7780	12

↥ ☐ Check all   With selected: 🖉 Edit   🗐 Copy   ⊖ Delete   Export

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

Query results operations

🖨 Print   🗐 Copy to clipboard   Export   📊 Display chart   Create view

Console