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ABSENT	:	08
CLASS	:	1I - IT
TOPIC	:	JOBSHEET 1 CONCEPTS AND DATABASE

PRACTICE 1

1. Run Apache and MySQL in XAMPP Control Panel.
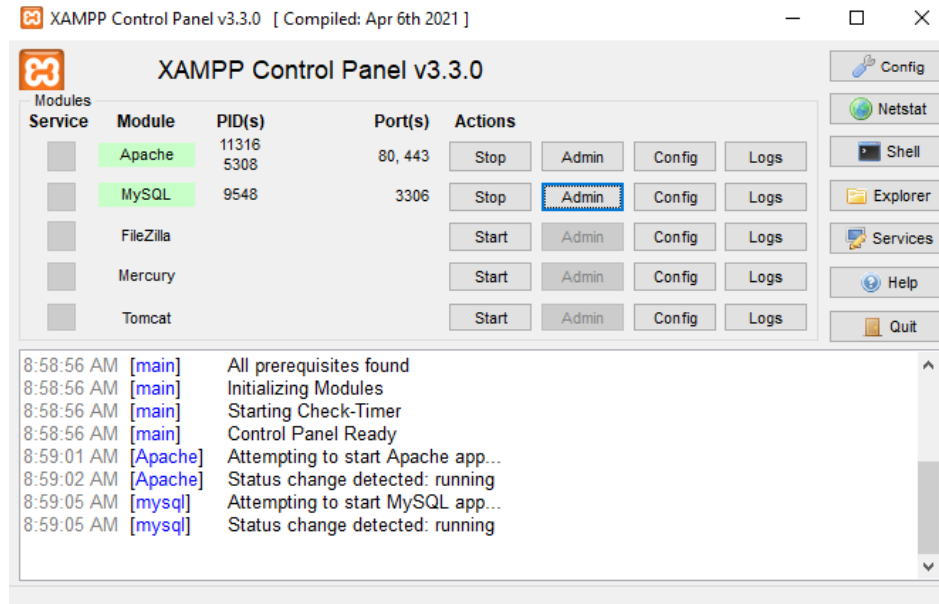
2. Run the application phpMyAdmin on your web browser. Create a new database by clicking the new menu in the left corner, or clicking the tab databases. Then click Create Database. Write in the text box with the word penjualan_produk database name. Then click create. Then it would appear in the database with the name penjualan_produk.
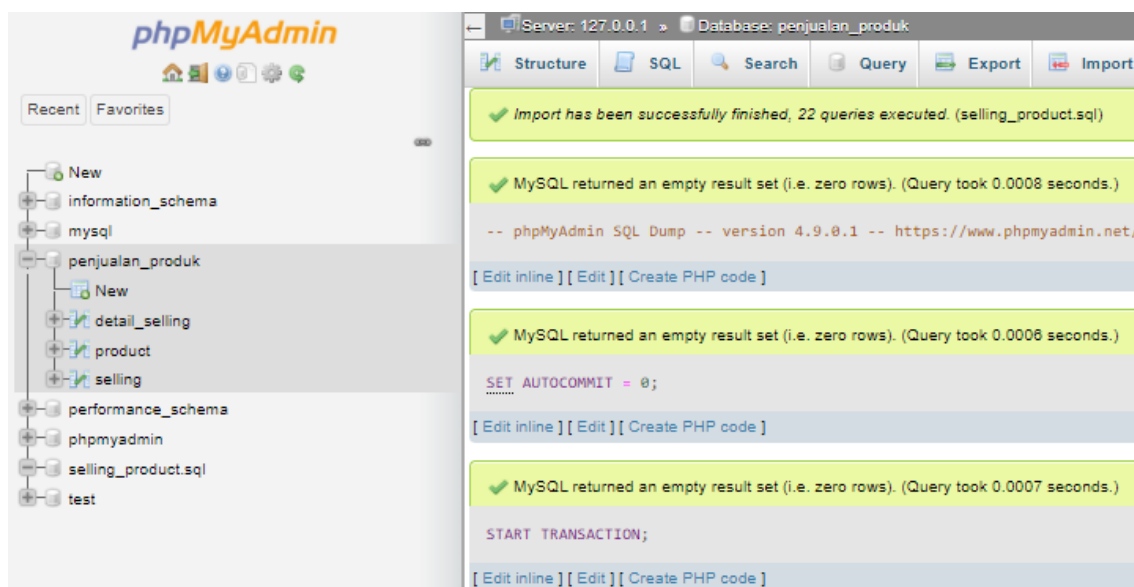
3. Restore database penjualan_produk of penjualan_produk.sql file. how: click the import tab, then click choose file, select the file penjualan_produk.sql taken with this job sheet. Click the Go button at the bottom of the page.
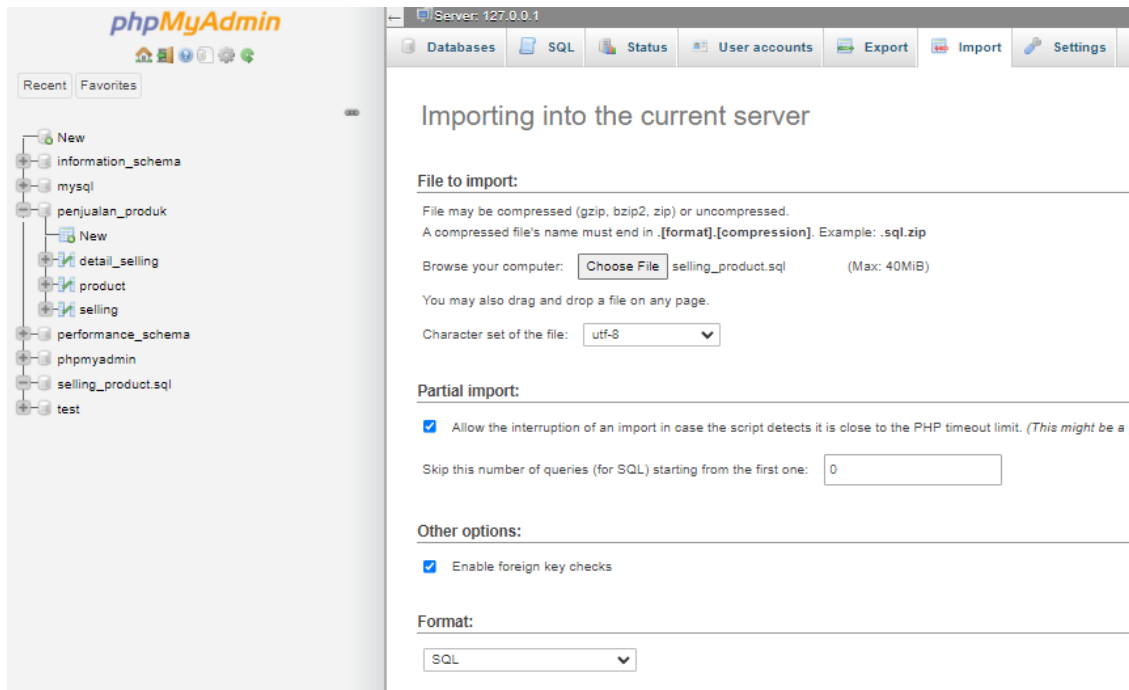
4. If it is successful, Database penjualan_produk will be created and the database name will appear in the list of the existing database on the left
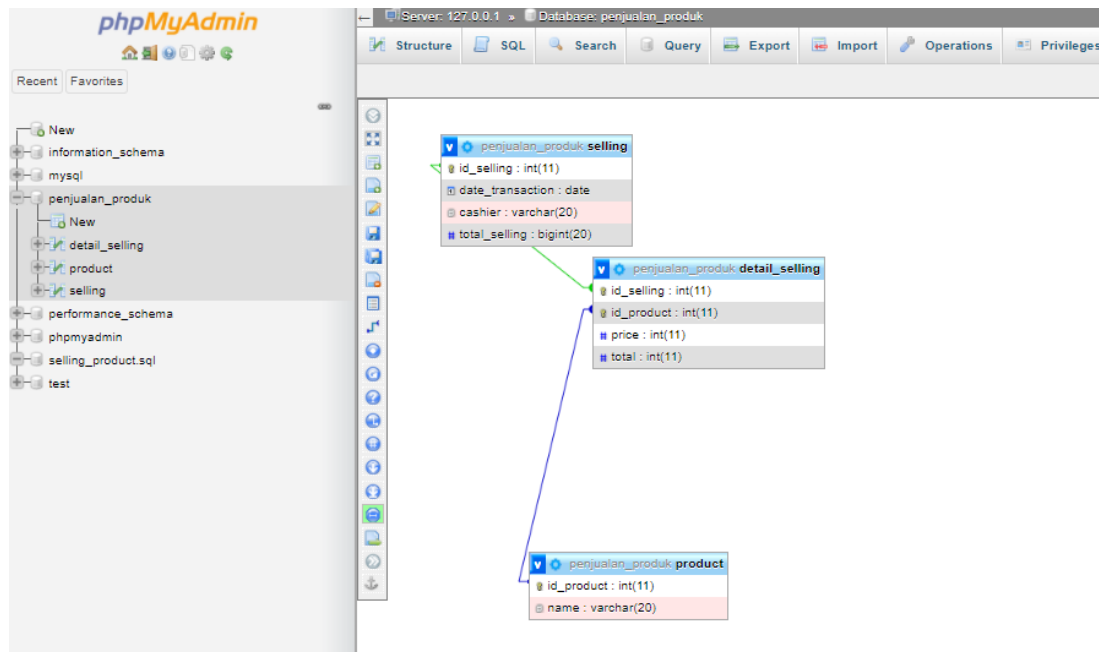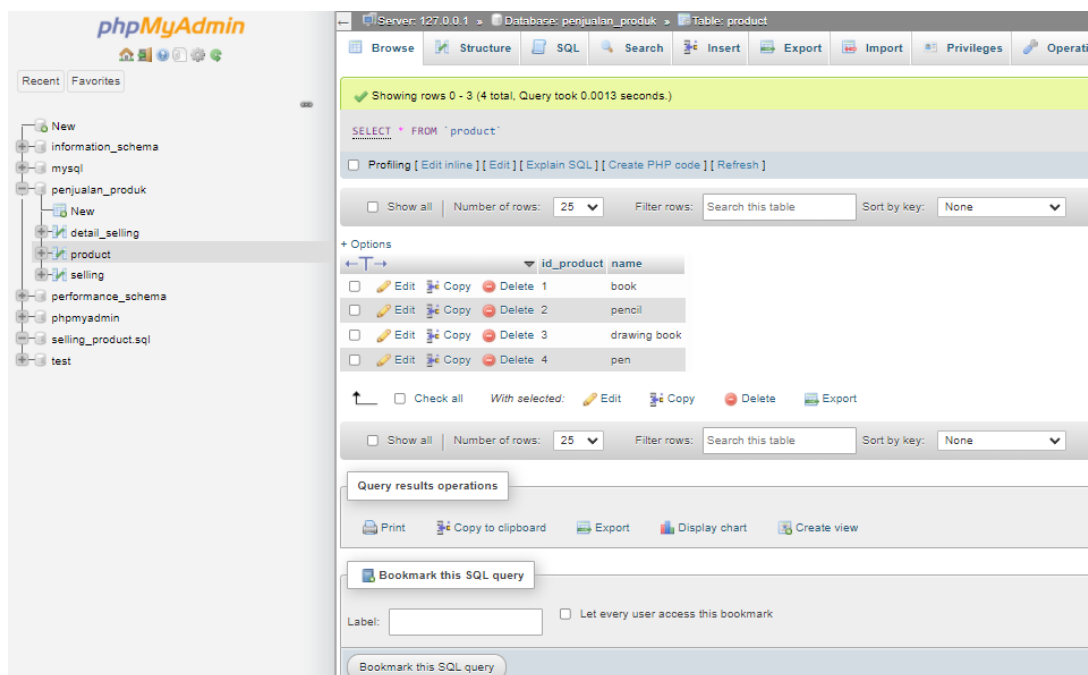
PRACTICE 2

1. To display a diagram of the database's how: click the name of the database and then select the tab more, select the menu designer.

2. To view the contents of the table how click the name of the table. Then the data in the table will appear on the right.

PRACTICE 3

1. To add data to the sales table-click a table name, then select the Insert tab, enter the value in each column, and click go.
2. To check whether the data are written already entered into the database how: select the name of the table and check the value that is in the very last row.
3. Add sales data as follows : [PROBLEM 1]
   - Kode_penjualan   = 3
   - Date   = March 2nd, 2018
   - Cashier   = Early
   - Total_penjualan   = 10000

Question Problem 1 : Whether data can be added? Explain why!

Add data (Step 1 with data Problem 1) :

Check data (Step 2 with data Problem 1) :

Answer Problem 1 : Yes, data can be entered. Because the sales code entered is new data, and doesn't exist in the database yet.

4. Add the following as sales data : [PROBLEM 2]
   - ➢ Kode_penjualan   = 2
   - ➢ Date   = March 4th, 2018
   - ➢ Cashier   = Early
   - ➢ Total_penjualan   = 20000

Question Problem 2 : Whether data can be added? Explain why!

Add data (Step 1 with data Problem 2) :

Check data (Step 2 with data Problem 2) :

Answer Problem 2 : Data cannot be added. Because the sales id cannot be the same as the existing data, in other words it already exists in the data.

Result after run (Error Proved) :

5. Explain how the solution so that the data in Problem 2 can be added [PROBLEM 3]

Answer Problem 3 :   By replacing the selling id with a new id and making sure it is not the same as the existing data. For example, if I replace it with 4, then the data can be entered and appear in the table.

Solution Problem 3 has been found :

6. Add the data detail_penjualan as follows : [PROBLEM 4]
   ➢ Kode_penjualan = 2
   ➢ Item code   = 3
   ➢ Price   = 5000
   ➢ Amount   = 5

Question Problem 4 : Whether data can be added? Explain why!

Add data (Step 1 with data Problem 4) :

Check data (Step 2 with data Problem 4) :

Answer Problem 4 : Data can be added. Because it doesn't have the same data in the database

7. Explain how the solution so that data on about 4 can be added? [PROBLEM 5]

Answer Problem 5 : The key is in selling id which cannot be the same. As long as the selling id is different, the data can definitely be entered

8. Explain what can you understand of about 1-5 associated with the duplication and inconsistencies in the data [PROBLEM 6]

Answer Problem 6 :

   ✓ According to my understanding of <u>duplication</u>, it means that there are table titles that cannot be the same / contain duplicates, namely sales id. As for the number of goods, the type of goods, the date and the cashier may have the same contents. *So there can't be the same selling id input.*

   ✓ According to my understanding of <u>inconsistency</u> is the appearance of inconsistent data in the same column in one or more linked data files and we have to make sure that doesn't happen. In the problem above, each column has consistent data when checked one by one into their respective linked files. *So the data must be consistent and in accordance with the related data.*

PRACTICE 3

1. Add the data detail_penjualan as follows : [PROBLEM 7]
   ➢ Kode_penjualan = 10
   ➢ Item code = 1
   ➢ Price = 5000
   ➢ Amount = 5

Question Problem 7 : Whether data can be added? Explain why!

Add data (Step 1 with data Problem 7) :

Answer Problem 7 : Can't, because the sales code has not been entered. The selling id data on selling details depends on the selling id that we input into selling. Every data has a relationship with each other

2. Show the structure of the database and remove the hyphens between the sales table and detail_penjualan how to click a circle mark at the end of the line between sales and detail_penjualan table, then select delete.
    Answer :
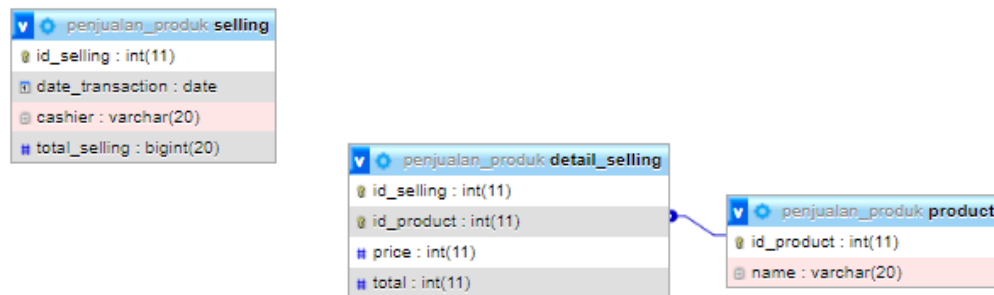
3. Repeat step 1 on practicum 4. Can the data be added? explain why!
    Answer :
    Data can be entered without depending on previously inputted data. So the function of deciding the chart is to break the relationship between data. So that the data to be input is not affected by input in other tables

    Check data (Step 2 with data Problem 7) :