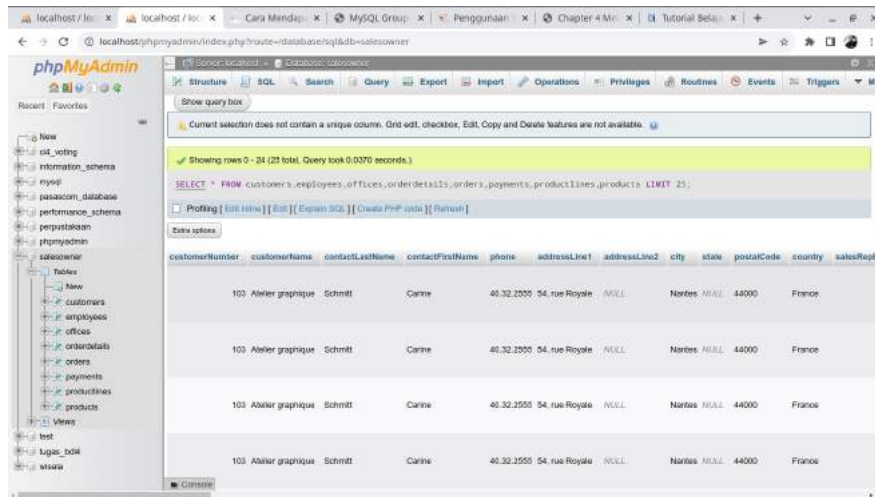


Nama : Rizky Adi Ryanto  
Kelas : Basis Data B

2.

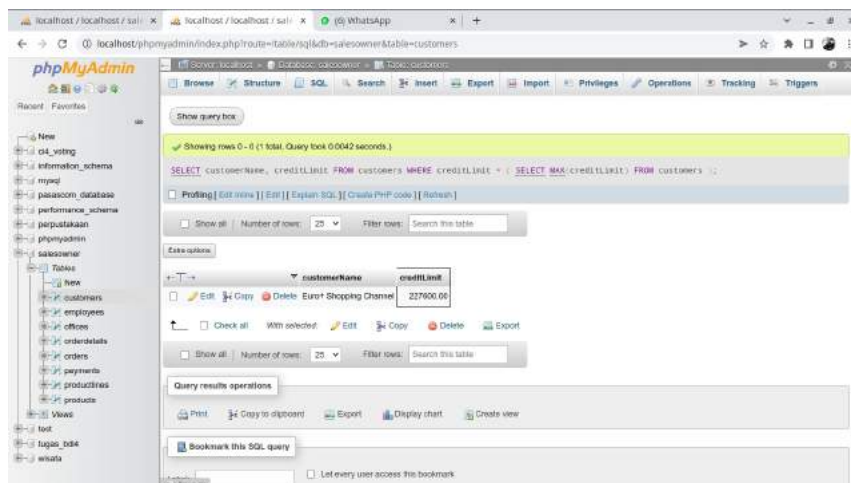
```
SELECT * FROM customers,employees,offices,orderdetails,orders,payments,productlines,products LIMIT 25;
```



customerNumber	customerName	contactLastName	contactFirstName	phone	addressLine1	addressLine2	city	state	postalCode	country	salesRep
103	Akeler graphique	Schmitt	Carine	40.32.2555	54, rue Royale	NULL	Nantes	NULL	44000	France	
103	Akeler graphique	Schmitt	Carine	40.32.2555	54, rue Royale	NULL	Nantes	NULL	44000	France	
103	Akeler graphique	Schmitt	Carine	40.32.2555	54, rue Royale	NULL	Nantes	NULL	44000	France	
103	Akeler graphique	Schmitt	Carine	40.32.2555	54, rue Royale	NULL	Nantes	NULL	44000	France	

3.

```
SELECT customerName, creditLimit FROM customers WHERE creditLimit = ( SELECT MAX(creditLimit) FROM customers );
```



customerName	creditLimit
Euro Shopping Channel	227900.00

4.

```
SELECT AVG(creditLimit) FROM customers;
```

The screenshot shows the phpMyAdmin interface with the 'customers' table selected in the 'salesowner' database. The SQL query `SELECT AVG(creditLimit) FROM customers;` has been executed. The result is displayed as a single row with the value 67659.016393. The interface includes a sidebar with a database structure tree, a top navigation bar, and a main query execution area with various options like 'Show query box', 'Profiling', and 'Bookmark this SQL query'.

5.

```
SELECT COUNT(customerName) AS 'Jum_Customer', salesRepEmployeeNumber AS 'Sales' FROM customers GROUP BY salesRepEmployeeNumber;
```

The screenshot shows the phpMyAdmin interface with the 'customers' table selected. The SQL query `SELECT COUNT(customerName) AS 'Jum_Customer', salesRepEmployeeNumber AS 'Sales' FROM customers GROUP BY salesRepEmployeeNumber;` has been executed. The results are displayed in a table with two columns: 'Jum\_Customer' and 'Sales'. The data shows the count of customers for each sales representative.

Jum_Customer	Sales
22	NULL
6	1165
6	1166
6	1188
6	1216
7	1266
8	1323
6	1337
7	1370
10	1401
8	1501
9	1504

6.

```
SELECT CONCAT(firstName, ' ', lastName) AS 'nama', email, jobTitle FROM employees WHERE officeCode = 6;
```

The screenshot shows the phpMyAdmin interface with the 'employees' table selected. The SQL query executed is: `SELECT CONCAT(firstName, ' ', lastName) AS 'nama', email, jobTitle FROM employees WHERE officeCode = 6;`. The results show 3 rows of employee data.

nama	email	jobTitle
William Patterson	wpatterson@classicmodelcars.com	Sales Manager (APAC)
Andy Ficker	aficker@classicmodelcars.com	Sales Rep
Peter Marsh	pmarsh@classicmodelcars.com	Sales Rep

7.

```
SELECT officeCode, COUNT(employeeNumber) AS 'Jum_Karyawan' FROM employees GROUP BY officeCode;
```

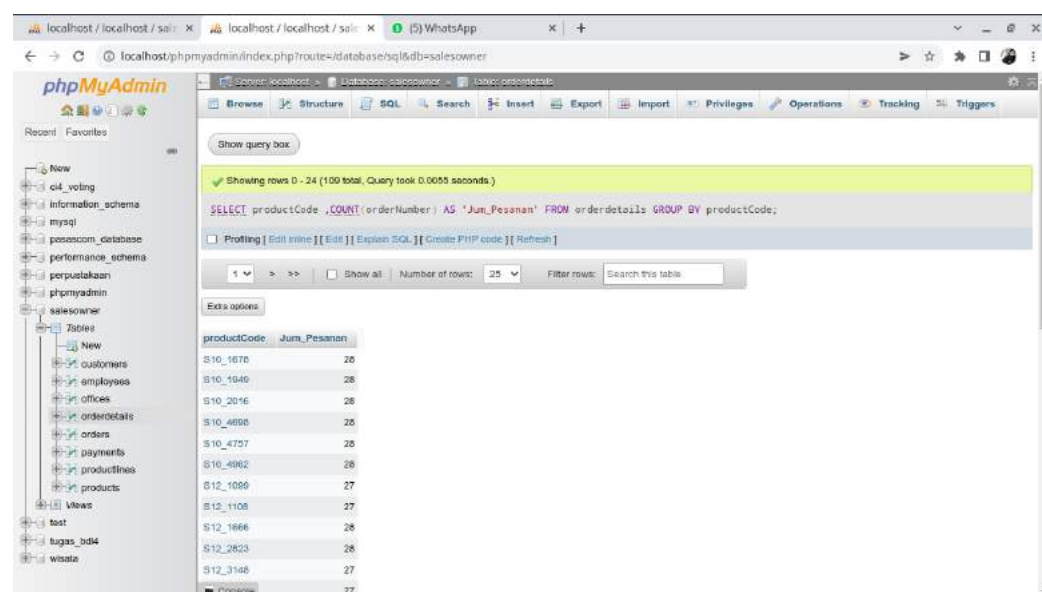
The screenshot shows the phpMyAdmin interface with the 'employees' table selected. The SQL query executed is: `SELECT officeCode, COUNT(employeeNumber) AS 'Jum_Karyawan' FROM employees GROUP BY officeCode;`. The results show 7 rows of office and employee count data.

officeCode	Jum_Karyawan
1	6
2	2
3	2
4	5
5	2
6	4
7	2

8.

9.

```
SELECT productCode ,COUNT(orderNumber) AS 'Jum_Pesanan' FROM orderdetails  
GROUP BY productCode;
```



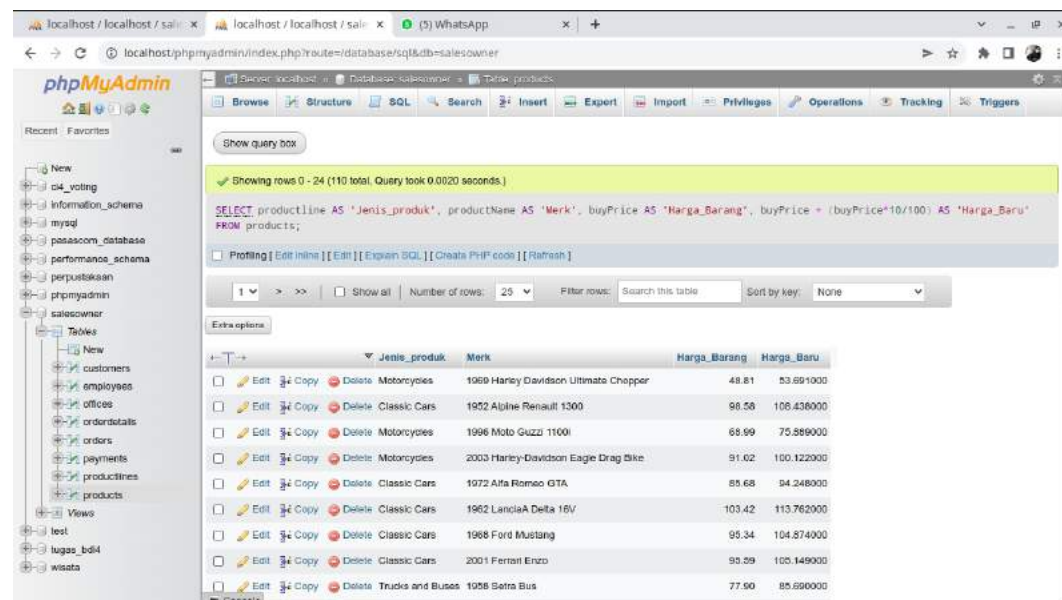
The screenshot shows the phpMyAdmin interface with a SQL query executed. The query is: `SELECT productCode ,COUNT(orderNumber) AS 'Jum_Pesanan' FROM orderdetails GROUP BY productCode;` The results are displayed in a table with two columns: `productCode` and `Jum_Pesanan`. The table contains 14 rows of data.

productCode	Jum_Pesanan
S10_1670	26
S10_1040	28
S10_2016	28
S10_4008	28
S10_4757	25
S10_4962	28
S12_1089	27
S12_1108	27
S12_1868	28
S12_2823	28
S12_3148	27
S12_3148	27

10.

11.

```
SELECT productline AS 'Jenis_produk', productName AS 'Merk', buyPrice AS 'Harga_Barang', buyPrice + (buyPrice*10/100) AS 'Harga_Baru' FROM products;
```



Showing rows 0 - 24 (110 total, Query took 0.0020 seconds)

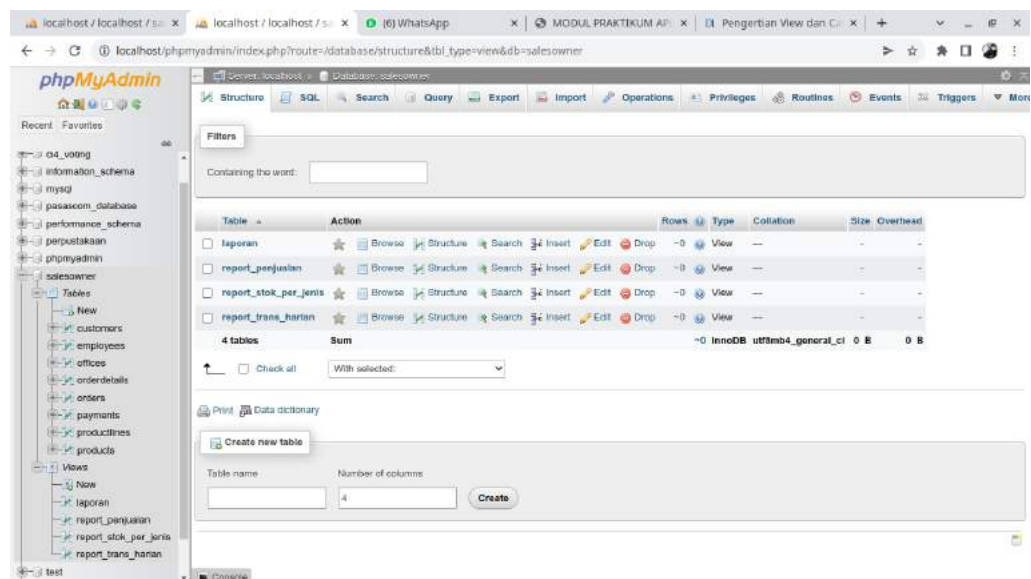
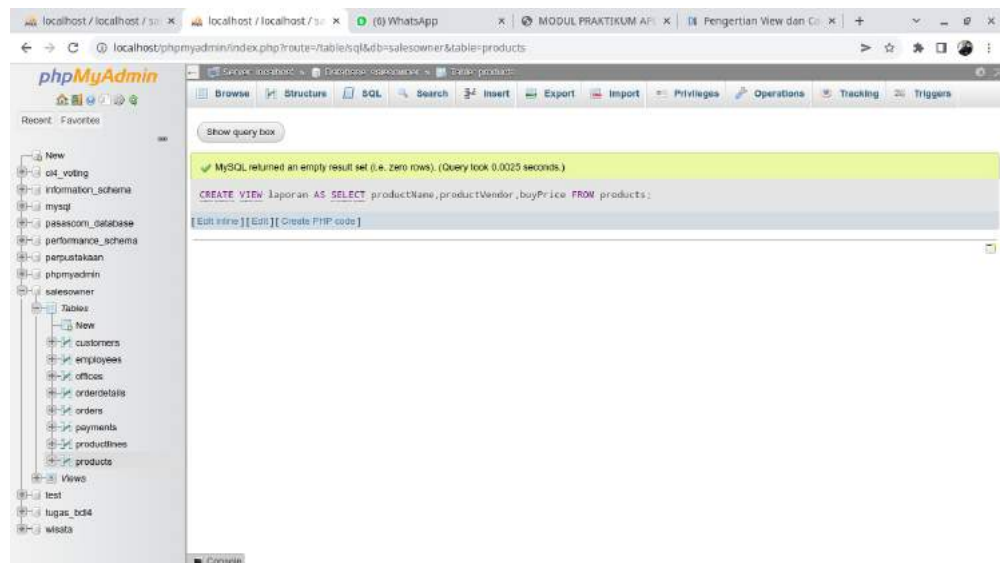
```
SELECT productline AS 'Jenis_produk', productName AS 'Merk', buyPrice AS 'Harga_Barang', buyPrice + (buyPrice*10/100) AS 'Harga_Baru' FROM products;
```

Extra options

	Jenis_produk	Merk	Harga_Barang	Harga_Baru
<input type="checkbox"/>	Motorcycles	1969 Harley Davidson Ultimate Chopper	49.81	53.691000
<input type="checkbox"/>	Classic Cars	1922 Alpine Renault 1300	98.58	108.436000
<input type="checkbox"/>	Motorcycles	1996 Moto Guzzi 1100i	68.99	75.889000
<input type="checkbox"/>	Motorcycles	2003 Harley-Davidson Eagle Drag Bike	91.02	100.122000
<input type="checkbox"/>	Classic Cars	1972 Alfa Romeo GTA	85.68	94.248000
<input type="checkbox"/>	Classic Cars	1962 Lancia Delta 16V	103.42	113.762000
<input type="checkbox"/>	Classic Cars	1968 Ford Mustang	95.34	104.874000
<input type="checkbox"/>	Classic Cars	2001 Ferrari Enzo	90.29	100.149000
<input type="checkbox"/>	Trucks and Buses	1956 Betra Bus	77.90	85.690000

12.

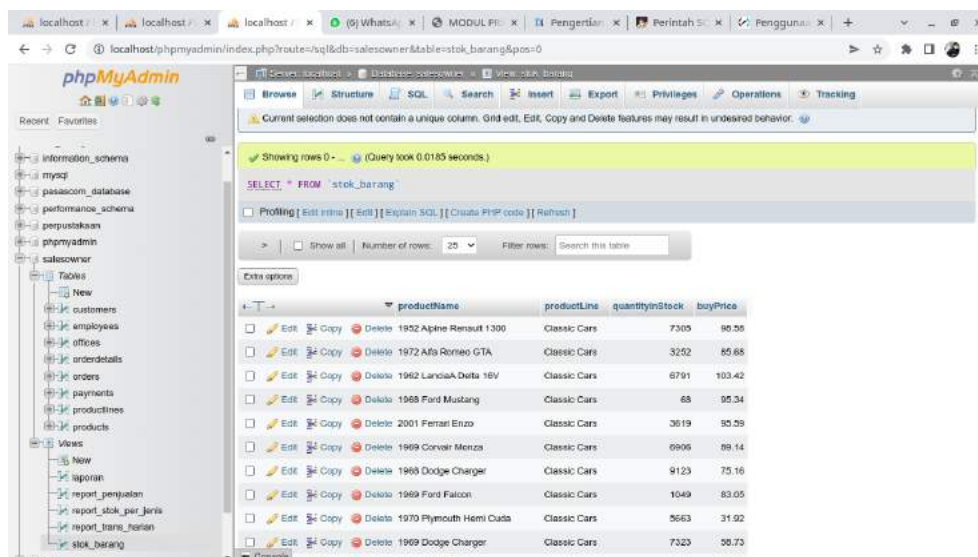
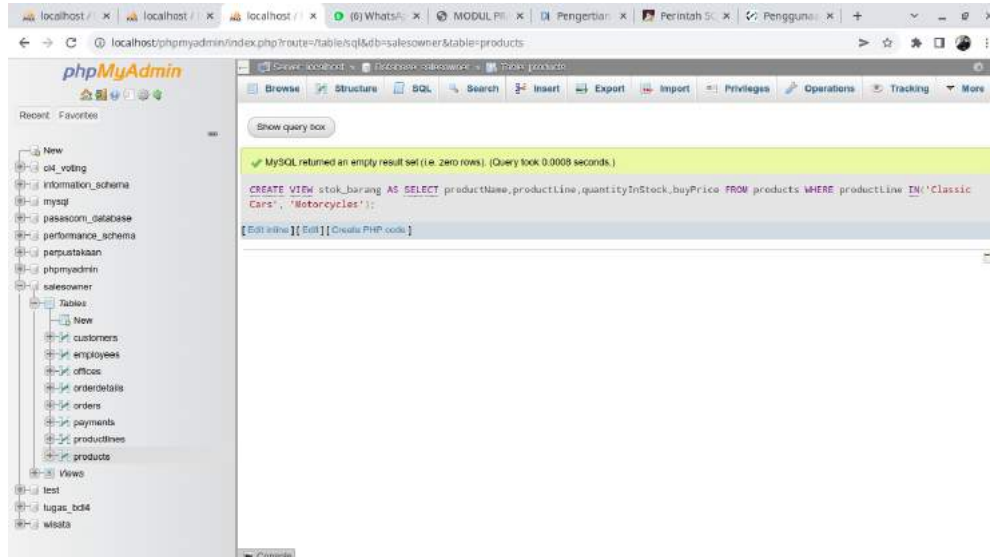
`CREATE VIEW` laporan `AS SELECT` productName,productVendor,buyPrice `FROM` products;





13.

```
CREATE VIEW stok_barang AS SELECT productName,productLine,quantityInStock,buyPrice FROM products WHERE productLine IN('Classic Cars', 'Motorcycles');
```



14.