

BUSINESS INTELLIGENCE



Arranged By:

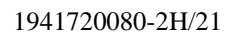
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PROGRAM STUDI D-IV TEKNIK INFORMATIKA

JURUSAN TEKNOLOGI INFORMASI

POLITEKNIK NEGERI MALANG





Then , Edit index.php & Open Index.php in Browser

Transaksi Data Viewer

Filter transaksi by:

-- No Filter --

Kode	Nomor Penjualan	Kode Barang	Username	Qty	Total Nilai	Tanggal
No records to show. Please click Submit button or try another filter.						

```
1 <?php
2
3 // Copyright (c) 2021 by Yoppy Yunhasnawa
4
5 require 'piv/Db.php';
6 require 'piv/App.php';
7 require 'piv/View.php';
8
9 use piv\Db;
10 use piv\App;
11
12 // Change these variables to meet your needs
13 $mysqlHost = 'localhost';
14 $user = 'root';
15 $password = '';
16 $dbName = 'toko_barokah';
17 $tableName = 'transaksi';
18
```

Practice 3

(Observing Application Performance with Large Amounts of Data)

Select Tanggal (date) in the filter combo box. Then enter the following date: 2009-11-17. Then click the Submit button.

← → ↻ http://localhost/toko_barokah_app/

Transaksi Data Viewer

Filter transaksi by:

-- No Filter --

Kode	Nomor Penjualan	Kode Barang	Username	Qty	Total Nilai	Tanggal
16532	JC-091150715	2064	DEWI	1	42200	2009-11-17
16533	JC-091171041	4116	RIANTI	1	206550	2009-11-17
16534	JC-091150722	1348	DEWI	2	79750	2009-11-17
16535	JC-091150722	7256	DEWI	1	79750	2009-11-17
17056	JC-091171039	2048	RIANTI	1	27150	2009-11-17
17086	JC-091150729	7882	DEWI	1	105800	2009-11-17
17175	JC-091171036	3654	RIANTI	1	223600	2009-11-17
17246	JC-091150729	2156	DEWI	1	105800	2009-11-17
17247	JC-091171058	2339	RIANTI	1	323725	2009-11-17
17320	JC-091150718	8536	DEWI	1	38400	2009-11-17
17321	JC-091171039	7204	RIANTI	2	27150	2009-11-17
17322	JC-091171054	5931	RIANTI	4	170450	2009-11-17
17323	JC-091171061	7539	RIANTI	1	56150	2009-11-17
17423	JC-091150712	688	DEWI	1	944600	2009-11-17
17424	JC-091171038	447	RIANTI	1	11750	2009-11-17
17425	JC-091171041	786	RIANTI	1	206550	2009-11-17
17426	JC-091150722	6154	DEWI	1	79750	2009-11-17
17463	JC-091171017	7882	RIANTI	1	12700	2009-11-17



Now choose Username in the combo box filter, then fill in rianti in the textbox and click the Submit button.

← → × ⓘ http://localhost/toko_barokah_app/

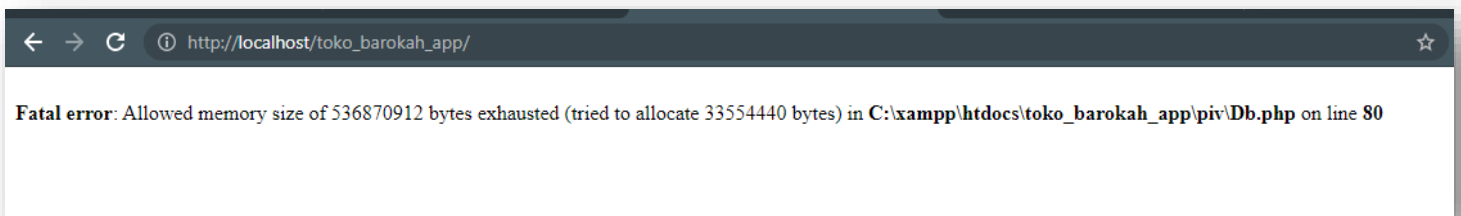
Transaksi Data Viewer

Filter transaksi by:

-- No Filter -- Submit

Kode	Nomor Penjualan	Kode Barang	Username	Qty	Total Nilai	Tanggal
2	JC-091170029	6503	RIANTI	1	416925	2009-11-02
3	JC-091170029	5139	RIANTI	2	416925	2009-11-02
4	JC-091170029	2924	RIANTI	1	416925	2009-11-02
7	JC-091071532	4055	RIANTI	2	94300	2009-10-27
8	JC-091071503	1305	RIANTI	1	98500	2009-10-27
9	JC-091071503	5233	RIANTI	2	98500	2009-10-27
11	JC-091071519	4055	RIANTI	2	36400	2009-10-27
15	JC-081171470	1730	RIANTI	1	78100	2008-11-24
16	JC-081171470	1041	RIANTI	2	78100	2008-11-24
29	JC-080770401	7861	RIANTI	1	45000	2008-07-08
30	JC-080770403	621	RIANTI	1	8700	2008-07-08
31	JC-080770419	6571	RIANTI	1	28650	2008-07-08
32	JC-080770429	3909	RIANTI	1	4100	2008-07-08
34	JC-091170263	7344	RIANTI	1	77100	2009-11-05
36	JC-091170281	4055	RIANTI	4	53950	2009-11-05
37	JC-091170283	587	RIANTI	1	163750	2009-11-05
38	JC-091170284	4901	RIANTI	1	9150	2009-11-05
39	JC-091170310	8577	RIANTI	1	20950	2009-11-05

Then for the last one, do not select anything in the combo box filter (No. Filter) and do not enter anything in the textbox to the left of the Submit button.





Assignments

Create a short report that includes an explanation of the results (along with screenshots, if possible) of the following instructions:

1. Record the time it takes for the application to complete the request in practicum **Part-3, Step-2**. Starting from you clicking the Submit button until when the busy indicator (loading indicator) stops.
2. **Delete** from transaksi table, all data from 2017 back. Note the SQL syntax in the report.
3. Repeat practice **Part-3** and **Part-2** and note the time also. Compare with the result from **Practice Task number 1**.
4. Also Repeat practice **Part-3 Step-3**. Compare with when the data has not been deleted.
5. Write down what conclusions you get after working on this jobsheet on the report.

1. 1 Minute , 37 Second

2.



3. 10 Second Is very fast

4. My Conclusion it's need more time to load the data in browser because it's a huge data. After data from 2017 back deleted, the browser load more faster than before.