

# **PROGRESS TUGAS BESAR PEMROGRAMAN WEB “Transaction”**



Oleh:

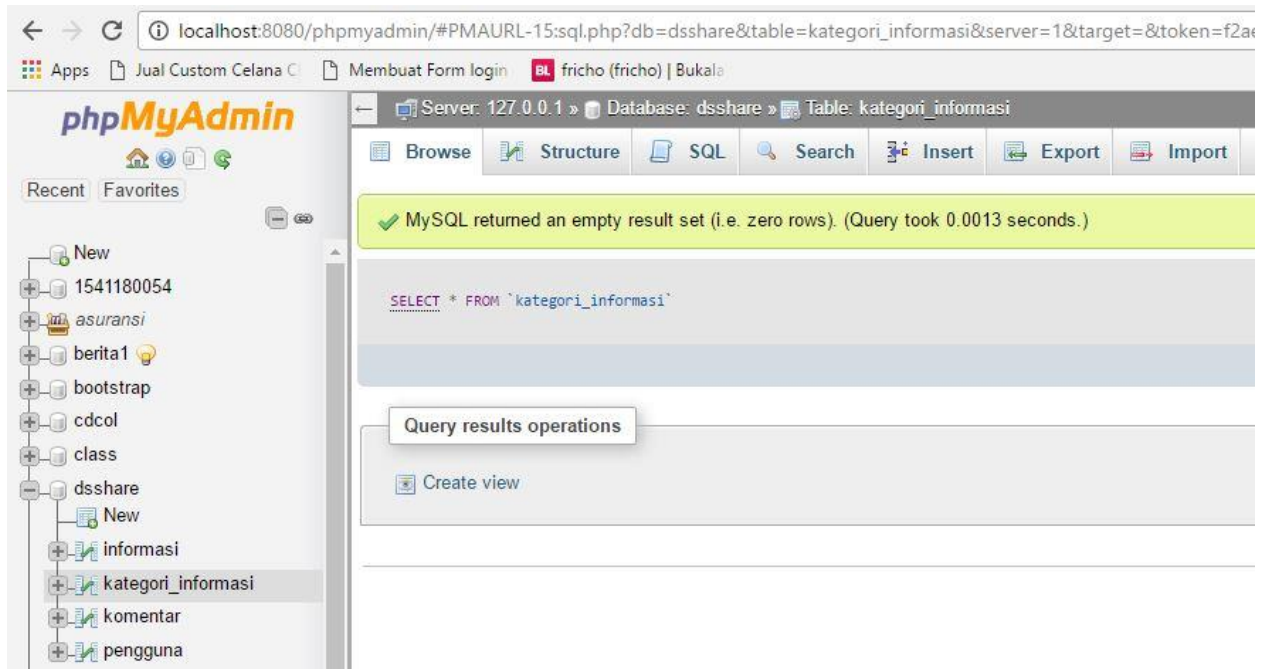
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Kelas : TI – 2G

**POLITEKNIK NEGERI MALANG  
MALANG  
2016**

Merupakan Penjelasan mengenai query TRANSACTION pada SQL dan penulisan query TRANSACTION pada notepad++(.php)

### 1. Query TRANSACTION pada notepad++(.php)

- Tampilan Awal pada tabel kategori\_informasi



- Menulis Query TRANSACTION pada notepad++(.php)

```

1  <?php
2  try{
3      $db = new PDO('mysql:host=localhost;dbname=dsshare', 'root', '');
4      $db->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
5      $db->beginTransaction();
6      $query_insert = "INSERT INTO kategori_informasi (id_kategori,nm_kategori)
7      VALUES (:id_kategori,:nm_kategori)";
8      $stmt = $db->prepare($query_insert);
9      $stmt->execute(array(
10         ':id_kategori'=>'7',
11         ':nm_kategori'=>'11',
12     ));
13     $lastId = $db->lastInsertId();
14     $query = "SELECT * FROM kategori_informasi";
15     $stmt = $db->prepare($query);
16     $stmt->execute(array($lastId));
17     $stmt->setFetchMode(PDO::FETCH_BOTH);
18     $db->commit();
19 } catch(PDOException $e){
20     echo $e->getMessage();
21 }
22
23 ?>

```

- Tampilan pada mysql setelah penulisan Query TRANSACTION pada notepad++(.php)

localhost:8080/phpmyadmin/#PMAURL-18:sql.php?db=dsshare&table=kategori\_informasi&server=1&target=&token=

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**phpMyAdmin**

Recent | Favorites

Server: 127.0.0.1 » Database: dsshare » Table: kategori\_informasi

Browse | Structure | SQL | Search | Insert | Export | Import

Showing rows 0 - 0 (1 total, Query took 0.0013 seconds.)

SELECT \* FROM `kategori\_informasi`

☐ Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

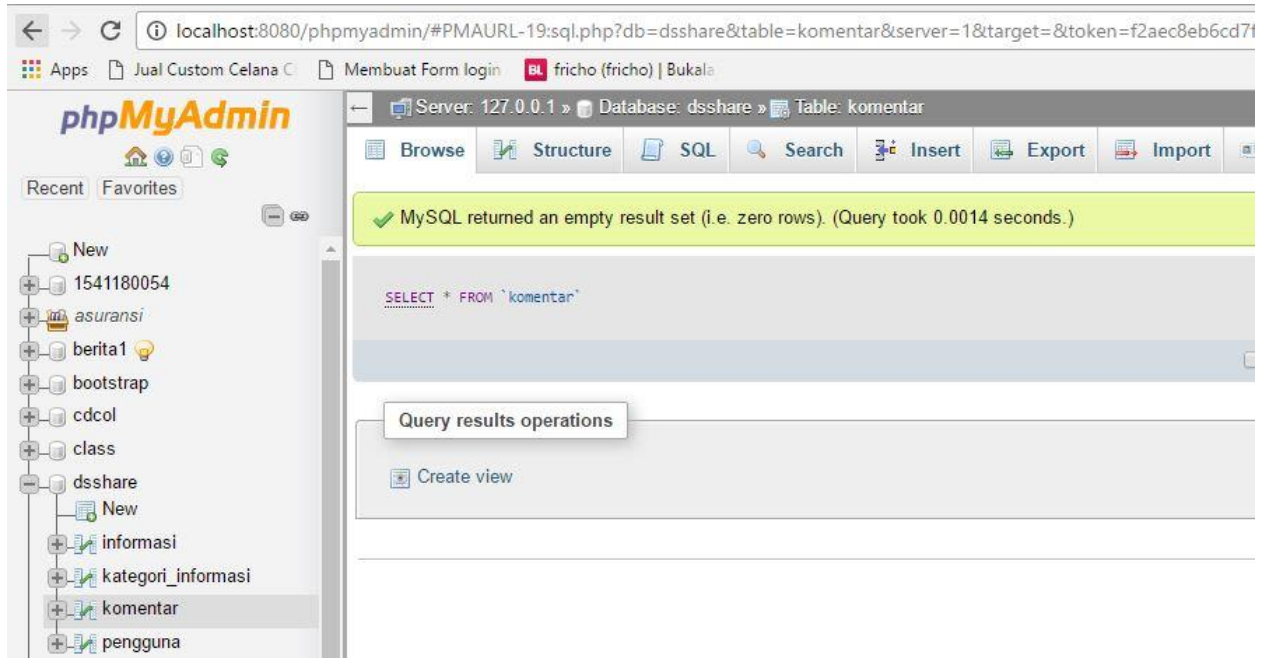
|   | id_kategori | nm_kategori |
|---|-------------|-------------|
| <input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete | 7           | 11          |

☐ Check All | With selected: ☐ Edit ☐ Delete ☐ Export

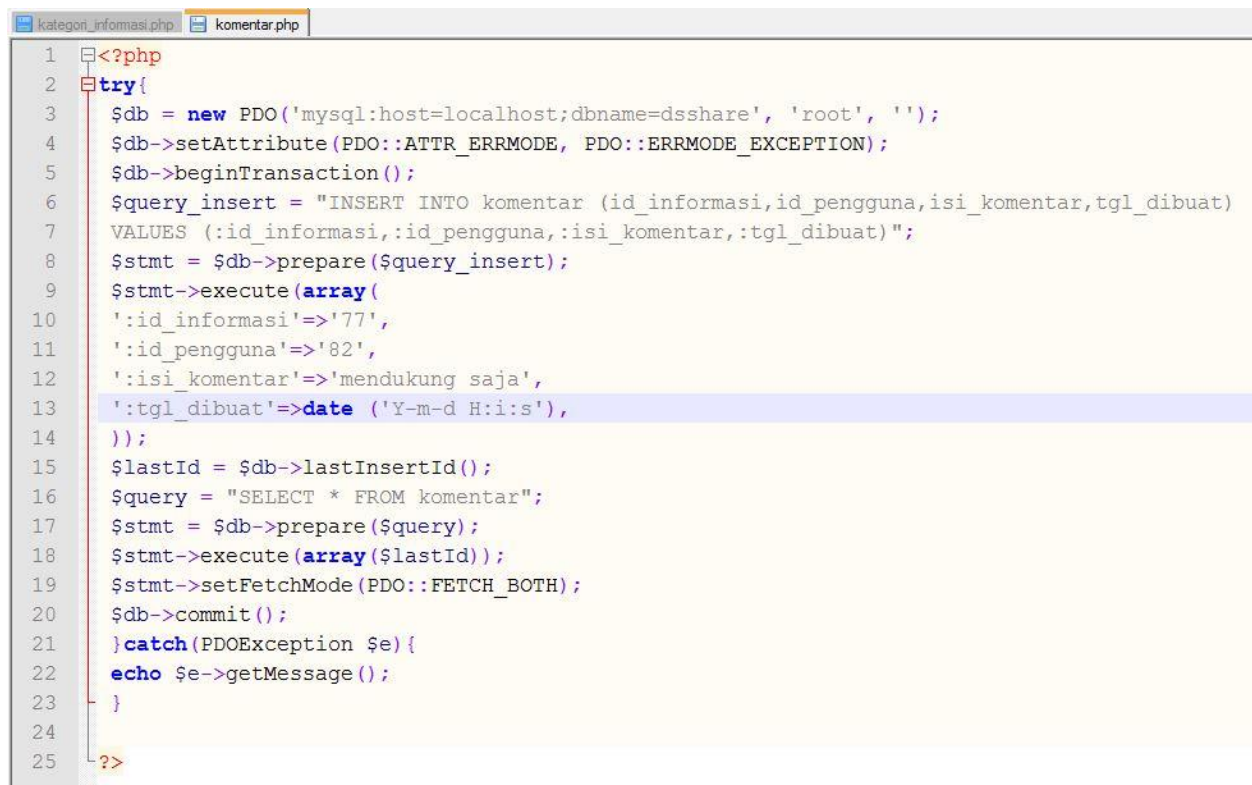
☐ Show all | Number of rows: 25 | Filter rows: Search this table

Recent: New, 1541180054, asuransi, berita1, bootstrap, cdcol, class, dsshare, New, informasi, kategori\_informasi, komentar, pengguna, hasilpanenperkebunan1541180

- Tampilan Awal pada tabel komentar



- Menulis Query TRANSACTION pada notepad++(.php)



- Tampilan pada mysql setelah penulisan Query TRANSACTION pada notepad++(.php)

localhost:8080/phpmyadmin/#PMAURL-19:sql.php?db=dsshare&table=komentar&server=1&target=&token=f2aec8et

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### phpMyAdmin

Recent | Favorites

- New
- 1541180054
- asuransi
- berita1
- bootstrap
- cdcol
- class
- dsshare
  - New
  - informasi
  - kategori\_informasi
  - komentar
  - pengguna

Server: 127.0.0.1 » Database: dsshare » Table: komentar

Browse | Structure | SQL | Search | Insert | Export | Import

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are disabled.

✓ Showing rows 0 - 0 (1 total, Query took 0.0013 seconds.)

```
SELECT * FROM `komentar`
```

☐ Show all | Number of rows: 25 | Filter rows: Search this table

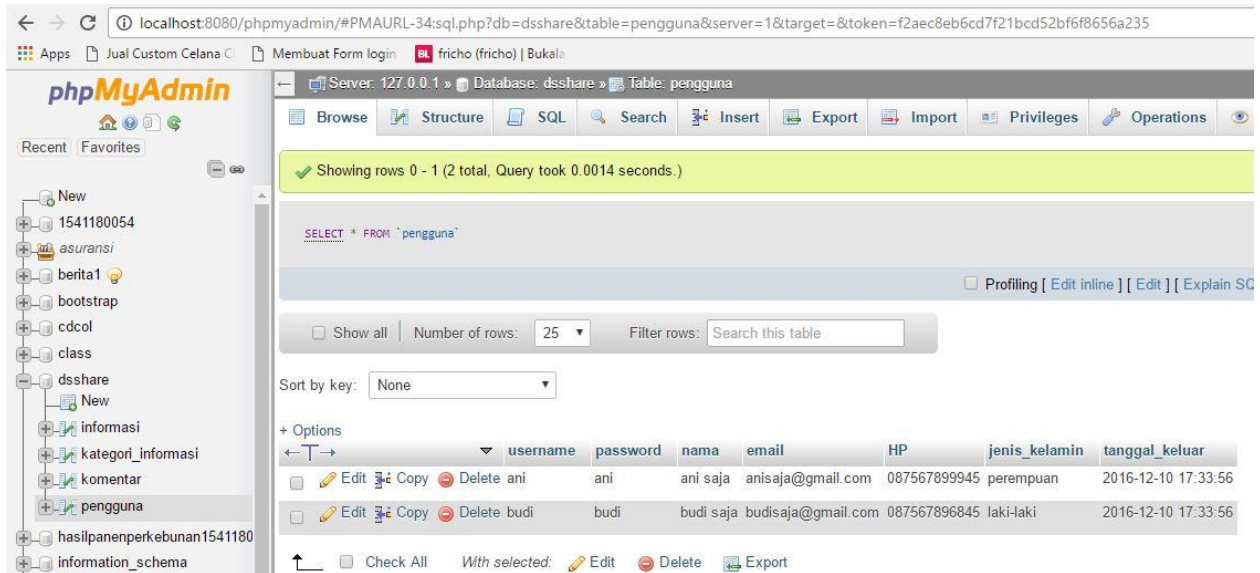
+ Options

| id_informasi | id_pengguna | isi_komentar   | tgl_dibuat          |
|--------------|-------------|----------------|---------------------|
| 77           | 82          | mendukung saja | 2016-12-10 11:14:29 |



## 2. Query TRANSACTION pada notepad++(.php)

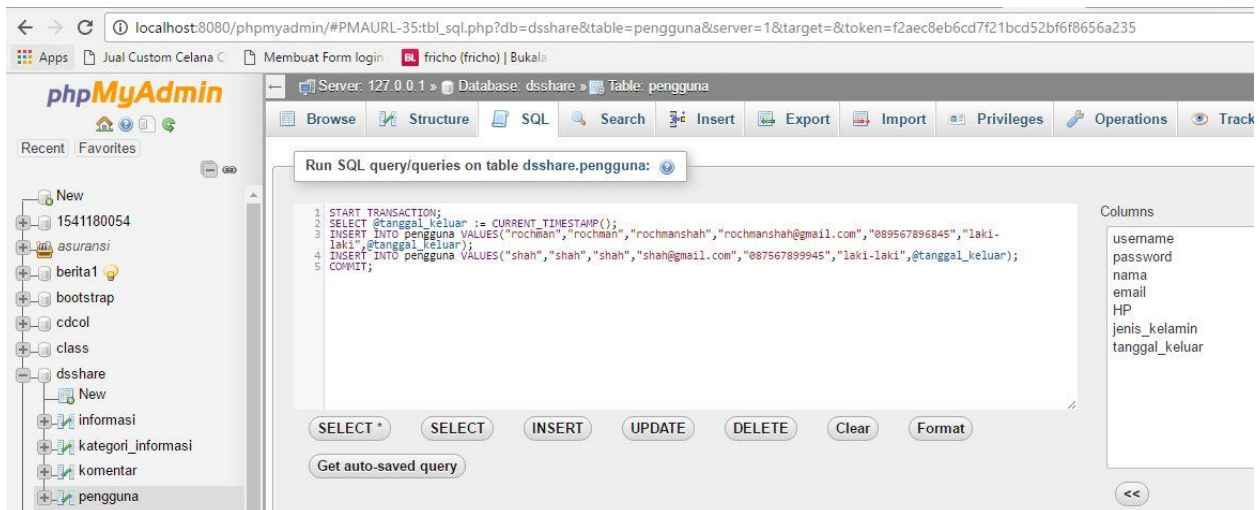
- Tampilan Awal pada tabel pengguna



The screenshot shows the phpMyAdmin interface. The left sidebar displays the database structure, including a tree view for 'dsshare' with a 'New' button and a list of tables: 'informasi', 'kategori\_informasi', 'komentar', and 'pengguna'. The main panel shows the 'Table: pengguna' view. A green status bar indicates 'Showing rows 0 - 1 (2 total, Query took 0.0014 seconds.)'. Below this, a SQL query is entered: `SELECT * FROM `pengguna``. The table data is displayed with columns: username, password, nama, email, HP, jenis\_kelamin, and tanggal\_keluar. Two rows are visible: one for 'ani' and one for 'budi'. The interface includes various toolbars for browsing, structure, SQL, search, insert, export, import, privileges, and operations.

| username | password | nama      | email              | HP           | jenis_kelamin | tanggal_keluar      |
|----------|----------|-----------|--------------------|--------------|---------------|---------------------|
| ani      | ani      | ani saja  | anisaja@gmail.com  | 087567899945 | perempuan     | 2016-12-10 17:33:56 |
| budi     | budi     | budi saja | budisaja@gmail.com | 087567896845 | laki-laki     | 2016-12-10 17:33:56 |

- Menulis Query TRANSACTION pada SQL



The screenshot shows the phpMyAdmin interface with the 'Run SQL query/queries on table dsshare.pengguna:' panel. The SQL query is as follows:

```
1 START TRANSACTION;
2 SELECT @tanggal_keluar := CURRENT_TIMESTAMP();
3 INSERT INTO pengguna VALUES("rochman", "rochman", "rochmanshah", "rochmanshah@gmail.com", "089567896845", "laki-laki", @tanggal_keluar);
4 INSERT INTO pengguna VALUES("shah", "shah", "shah", "shah@gmail.com", "087567899945", "laki-laki", @tanggal_keluar);
5 COMMIT;
```

The interface includes various toolbars for browsing, structure, SQL, search, insert, export, import, privileges, and operations. A 'Columns' list on the right shows the table structure: username, password, nama, email, HP, jenis\_kelamin, and tanggal\_keluar.

- Tampilan pada mysql setelah penulisan Query TRANSACTION pada SQL

localhost:8080/phpmyadmin/#PMAURL-36:sql.php?db=dsshare&table=pengguna&server=1&target=&token=f2aec8eb6cd7f21bcd52bf6f8656a235

phpMyAdmin

Recent Favorites

Server: 127.0.0.1 » Database: dsshare » Table: pengguna

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Tr

Showing rows 0 - 3 (4 total, Query took 0.0014 seconds.)

SELECT \* FROM 'pengguna'

Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP Co

Show all Number of rows: 25 Filter rows: Search this table

Sort by key: None

+ Options

|   | username | password | nama        | email                 | HP           | jenis_kelamin | tanggal_keluar      |
|---|----------|----------|-------------|-----------------------|--------------|---------------|---------------------|
| <input type="checkbox"/> Edit Copy Delete | ani      | ani      | ani saja    | anisaja@gmail.com     | 087567899945 | perempuan     | 2016-12-10 17:33:56 |
| <input type="checkbox"/> Edit Copy Delete | budi     | budi     | budi saja   | budisaja@gmail.com    | 087567896845 | laki-laki     | 2016-12-10 17:33:56 |
| <input type="checkbox"/> Edit Copy Delete | rochman  | rochman  | rochmanshah | rochmanshah@gmail.com | 089567896845 | laki-laki     | 2016-12-10 17:36:21 |
| <input type="checkbox"/> Edit Copy Delete | shah     | shah     | shah        | shah@gmail.com        | 087567899945 | laki-laki     | 2016-12-10 17:36:21 |

Check All With selected: Edit Delete Export

- Tampilan Awal pada tabel informasi

The screenshot shows the phpMyAdmin interface. The left sidebar displays a tree view of the database structure, including a new database 'dsshare' with tables 'informasi', 'kategori\_informasi', 'komentar', and 'pengguna'. The main content area shows the 'informasi' table with the following data:

| id_informasi | id_kategori | id_admin | isi                  | tanggal_dibuat      |
|--------------|-------------|----------|----------------------|---------------------|
| 5            | 7           | 2        | informasi adalah.... | 2016-12-10 17:41:54 |
| 6            | 8           | 3        | ....berbagi dan      | 2016-12-10 17:41:54 |

- Menulis Query TRANSACTION pada SQL

The screenshot shows the SQL query editor in phpMyAdmin. The query being entered is:

```

1 START TRANSACTION;
2 SELECT @tanggal_dibuat := CURRENT_TIMESTAMP();
3 INSERT INTO informasi VALUES("7","9","2","ilmu adalah....",@tanggal_dibuat);
4 INSERT INTO informasi VALUES("6","10","5","teknologi adalah.....",@tanggal_dibuat);
5 COMMIT;

```

The interface also shows a list of columns for the 'informasi' table: id\_informasi, id\_kategori, id\_admin, isi, and tanggal\_dibuat.



- Tampilan pada mysql setelah penulisan Query TRANSACTION pada SQL

localhost:8080/phpmyadmin/#PMAURL-22:sql.php?db=dsshare&table=informasi&server=1&target=&token=f2aec8eb6cd7f21bcd52bf6f8656a2

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**phpMyAdmin**

Recent | Favorites

New

- 1541180054
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- berita1
- bootstrap
- cdcol
- class
- dsshare
  - New
  - informasi
  - kategori\_informasi
  - komentar
  - pengguna
- hasilpanenperkebunan1541180
- information\_schema
- minimarket
- minimarket2

Server: 127.0.0.1 » Database: dsshare » Table: informasi

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges

Showing rows 0 - 3 (4 total, Query took 0.0014 seconds.)

`SELECT * FROM `informasi``

Profiling [ Edit inline ]

Show all | Number of rows: 25 | Filter rows: Search this table

Sort by key: None

+ Options

|                          |      |      |        | id_informasi | id_kategori | id_admin | isi                   | tanggal_dibuat      |
|--------------------------|------|------|--------|--------------|-------------|----------|-----------------------|---------------------|
| <input type="checkbox"/> | Edit | Copy | Delete | 5            | 7           | 2        | informasi adalah...   | 2016-12-10 15:52:05 |
| <input type="checkbox"/> | Edit | Copy | Delete | 6            | 8           | 3        | ..... berbagi dan     | 2016-12-10 15:52:05 |
| <input type="checkbox"/> | Edit | Copy | Delete | 7            | 9           | 4        | ilmu adalah.....      | 2016-12-10 17:20:48 |
| <input type="checkbox"/> | Edit | Copy | Delete | 8            | 10          | 5        | teknologi adalah..... | 2016-12-10 17:20:48 |