

Laporan Praktikum Mandiri

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1. Data Baru yang Ditambahkan:

- Tabel users:
 - Alice Johnson
 - Bob Smith
 - Charlie Brown
 - Diana Prince
 - Ethan Hunt

```
MySQL [dbtoko]> INSERT INTO users (name, email, password) VALUES
-> ('Alice Johnson', 'alice@example.com', 'password123'),
-> ('Bob Smith', 'bob@example.com', 'password123'),
-> ('Charlie Brown', 'charlie@example.com', 'password123'),
-> ('Diana Prince', 'diana@example.com', 'password123'),
-> ('Ethan Hunt', 'ethan@example.com', 'password123');
```

```
Query OK, 5 rows affected (0.020 sec)
Records: 5  Duplicates: 0  Warnings: 0
```

```
MySQL [dbtoko]> DESCRIBE books;
```

Field	Type	Null	Key	Default	Extra
id	int	NO	PRI	NULL	auto_increment
title	varchar(255)	YES		NULL	
description	text	YES		NULL	
price	decimal(10,2)	NO		NULL	
stock	int	NO		NULL	
cover_photo	varchar(255)	NO		NULL	
genre_id	int	NO	MUL	NULL	
author_id	int	NO	MUL	NULL	

```
8 rows in set (0.003 sec)
```

- Tabel books:
 - Dune
 - 1984
 - The Great Gatsby
 - Moby Dick
 - War and Peace

```
MySQL [dbtoko]> INSERT INTO books (id, title, description, price, stock, cover_photo, genre_id, author_id) VALUES
-> (4, 'Dune', 'A science fiction novel.', 29.99, 1500, 'dune.jpg', 3, 1), -- menggunakan genre_id 3 dan author_id 1
-> (5, '1984', 'A dystopian novel.', 15.99, 2000, '1984.jpg', 2, 2), -- menggunakan genre_id 2 dan author_id 2
-> (6, 'The Great Gatsby', 'A novel about the American dream.', 10.99, 3000, 'gatsby.jpg', 1, 3); -- menggunakan genre_id 1 dan author_id 3
Query OK, 3 rows affected (0.019 sec)
Records: 3 Duplicates: 0 Warnings: 0

MySQL [dbtoko]> SELECT * FROM genres;
+----+-----+-----+
| id | name          | description |
+----+-----+-----+
| 1  | Fiction       | A literary work based on the imagination and not necessarily on fact. |
| 2  | Non-Fiction    | A literary work based on facts and real events. |
| 3  | Science Fiction | A genre that deals with imaginative and futuristic concepts. |
+----+-----+-----+
3 rows in set (0.001 sec)

MySQL [dbtoko]> SELECT * FROM books;
+----+-----+-----+-----+-----+-----+-----+-----+
| id | title          | description          | price | stock | cover_photo | genre_id | author_id |
+----+-----+-----+-----+-----+-----+-----+-----+
| 1  | Harry Potter and the Sorcerer's Stone | A fantasy novel about a young wizard. | 25000.00 | 250 | harry_potter.jpg | 1 | 1 |
| 2  | The Lord of the Rings | A high-fantasy epic novel. | 24.99 | 2000 | lotr.jpg | 2 | 2 |
| 3  | Foundation | A science fiction novel. | 15.99 | 3000 | foundation.jpg | 3 | 3 |
| 4  | Dune | A science fiction novel. | 29.99 | 1500 | dune.jpg | 3 | 1 |
| 5  | 1984 | A dystopian novel. | 15.99 | 2000 | 1984.jpg | 2 | 2 |
| 6  | The Great Gatsby | A novel about the American dream. | 10.99 | 3000 | gatsby.jpg | 1 | 3 |
+----+-----+-----+-----+-----+-----+-----+-----+
6 rows in set (0.001 sec)
```

- Tabel transactions:
 - ORD-0018
 - ORD-0019
 - ORD-0020

```
MySQL [dbtoko]> INSERT INTO transactions (order_number, costumer_id, book_id, total_id, total_amount) VALUES
-> ('ORD-0004', 3, 2, 50000, 4),
-> ('ORD-0005', 4, 1, 60000, 5),
-> ('ORD-0006', 5, 3, 40000, 6);
Query OK, 3 rows affected (0.027 sec)
Records: 3 Duplicates: 0 Warnings: 0

MySQL [dbtoko]> SELECT * FROM transactions;
+----+-----+-----+-----+-----+-----+
| id | order_number | costumer_id | book_id | total_id | total_amount |
+----+-----+-----+-----+-----+-----+
| 4  | ORD-0001    | 1           | 1       | 1        | 60000.00    |
| 5  | ORD-0002    | 1           | 2       | 2        | 40000.00    |
| 6  | ORD-0003    | 2           | 3       | 3        | 50000.00    |
| 18 | ORD-0004    | 3           | 2       | 50000    | 4.00        |
| 19 | ORD-0005    | 4           | 1       | 60000    | 5.00        |
| 20 | ORD-0006    | 5           | 3       | 40000    | 6.00        |
+----+-----+-----+-----+-----+-----+
6 rows in set (0.001 sec)
```

2. Data yang Diubah:

- Alice Johnson: email diubah menjadi alice_new@example.com
- 1984: harga diubah menjadi 20.99

```
MySQL [dbtoko]> UPDATE customers SET email = 'alice_new@example.com' WHERE name = 'Alice Johnson';
ERROR 1146 (42S02): Table 'dbtoko.customers' doesn't exist
MySQL [dbtoko]> UPDATE books SET price = 20.99 WHERE title = '1984';
Query OK, 1 row affected (0.025 sec)
Rows matched: 1 Changed: 1 Warnings: 0
```

3. Data yang Dihapus:

- Ethan Hunt dari customers
- Moby Dick dari books

```
MySQL [dbtoko]> UPDATE users SET email = 'alice_new@example.com' WHERE name = 'Alice Johnson';  
Query OK, 1 row affected (0.025 sec)  
Rows matched: 1  Changed: 1  Warnings: 0
```

```
MySQL [dbtoko]> DELETE FROM books WHERE title = 'Moby Dick';  
Query OK, 0 rows affected (0.001 sec)
```