# Data Manipulation Language (DML)

**Basis Data** 

#### DML

- Menambah data (Insert)
- Mengubah data (Update)
- Meghapus data (Delete)
- Menampilkan data (Select)

#### Menambah Data (Insert)

INSERT INTO nama\_tabel
VALUES (nilai\_1,nilai\_2, ...., nilai\_n)

Atau

**INSERT INTO** nama\_tabel (field\_1, field\_2, ..., field\_n) **VALUES** (nilai\_1, nilai\_2, ..., nilai\_3)

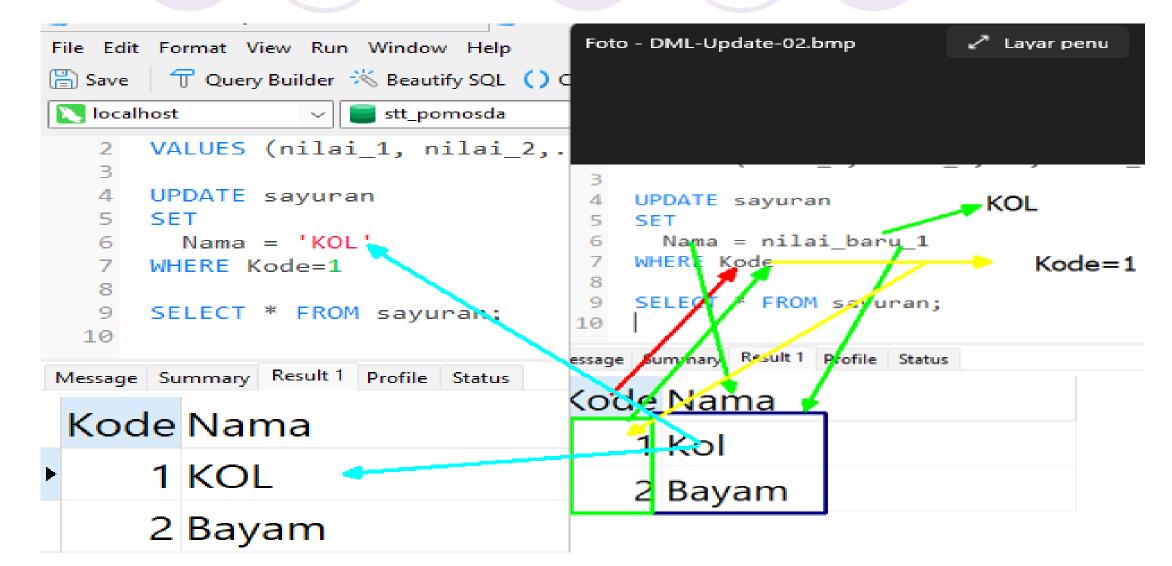
# Contoh Menambah Data (Insert)

```
DESC sayuran;
                                                                                My Connections
INSERT INTO say ran VALUES (('5', 'Seledri')
                                                                                All Labels
INSERT INTO savuran (Kode Nama)
                                                                                     CASE Flow Control
VALUES ('6', 'Daum Bawang')
                                                                                     Create a conditional construct
INSERT INTO sayuran (Nama)
                                                                                     COMMENTS Comment
VALUES('Daun Bawang')
                                                                                     Create a comment
                                                                                     IF...ELSE... Flow Control
INSERT INTO mama tabel
                                                                                     Create a IF_ELSE_ construct
VALUES (nilai_1, nilai_2,..., nilai_n)
                                                                                     INSERT Syntax DML
INSERT_INTO table name (kolom 1, kolom 2,..., Kolom_n)
                                                                                     Insert new rows into an existing
VALUES (nilai_1, nilai_2,..., nilai_n);
                                                                                     table
                                                                                     LOOP Flow Control
                                                                                     Create a simple loop construct
```

# Mengubah data (Update)

```
UPDATE nama_tabel
   SET field_1 = nilai_1,
   field_2=nilai_2,
   ...
   field_n = nilai_n
WHERE kondisi
```

#### Contoh Mengubah data (Update)

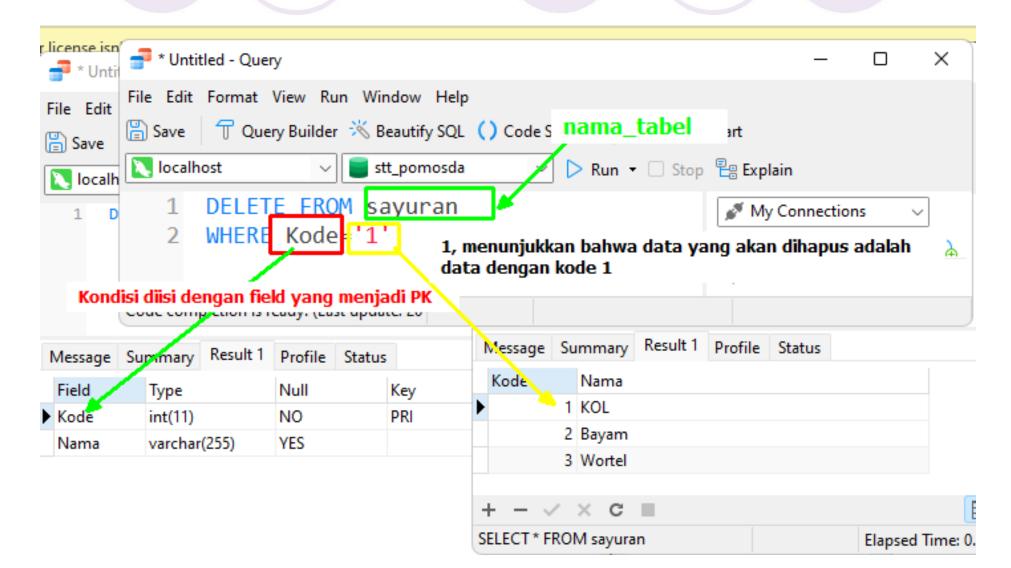


# Menghapus data (Delete)

**DELETE FROM** nama\_tabel

WHERE kondisi

# Contoh Menghapus data (Delete)



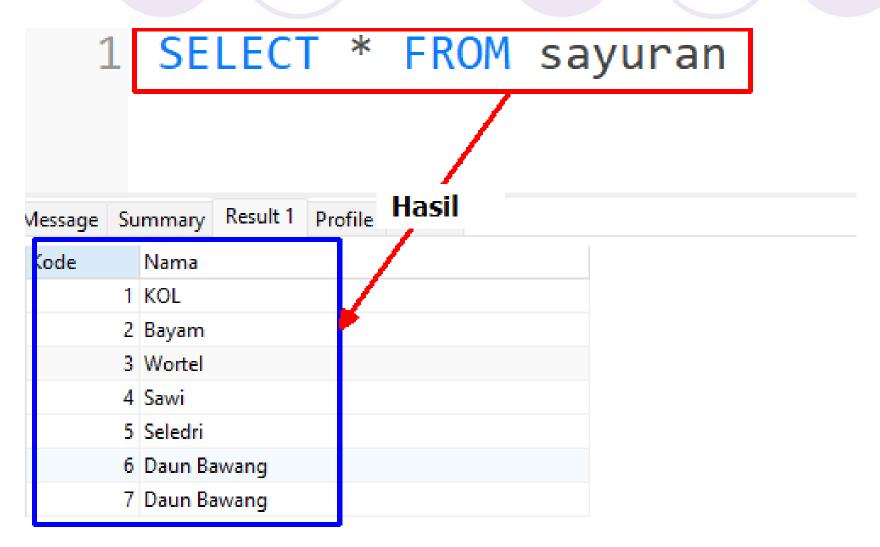
#### Menampilkan data (Select)

SELECT \* FROM nama\_tabel

atau

**SELECT** field\_1, field\_2, ..., field\_n **FROM** nama\_tabel

# Contoh Menampilkan Data (Select)



# Contoh Menampilkan Data (Select)

