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DATABASE

1. Query Menambahkan Table (Indonesia, Pasarwajo, dan Indonesia_Pasarwajo)

```
*CREATE TABLE indonesia (
    id INTEGER PRIMARY KEY AUTOINCREMENT,
    kata_indonesia TEXT UNIQUE NOT NULL
);

*CREATE TABLE takimpo (
    id INTEGER PRIMARY KEY AUTOINCREMENT,
    kata_takimpo TEXT UNIQUE NOT NULL
);

*CREATE TABLE indonesia_takimpo (
    id_indonesia INTEGER NOT NULL,
    id_takimpo INTEGER NOT NULL,
    PRIMARY KEY (id_indonesia, id_takimpo),
    FOREIGN KEY (id_indonesia) REFERENCES indonesia (id) ON DELETE CASCADE,
    FOREIGN KEY (id_takimpo) REFERENCES takimpo (id) ON DELETE CASCADE
);
```

Gambar.1 menambahkan table

2. Query Menambahkan Nilai (Value) dalam Table (Indonesia, Pasarwajo, dan Indonesia_Pasarwajo)

a. Tambah Value Table Indonesia

```
*INSERT INTO indonesia (id, kata_indonesia) VALUES
(1, "saya"),
(2, "kamu"),
(3, "kita"),
(4, "kami"),
(5, "mereka"),
(6, "anak"),
(7, "anak-anak"),
(8, "ayah"),
(9, "ibu"),
(10, "rumah"),
(11, "sekolah"),
(12, "buku"),
(13, "pena"),
(14, "kertas"),
(15, "jalan"),
(16, "lari"),
(17, "makan"),
(18, "minum"),
(19, "makanan"),
(20, "minuman"),
(21, "air"),
(22, "api"),
(23, "teman"),
(24, "pasar"),
(25, "hari"),
(26, "bulan"),
(27, "tahun"),
(28, "burung"),
(29, "kucing"),
(30, "meja"),
(31, "kursi"),
(32, "pintu"),
(33, "uang"),
(34, "kerja"),
(35, "tugas"),
(36, "tidur"),
(37, "bicara"),
(38, "dengar"),
(39, "lihat"),
(40, "orang"),
(41, "pergi"),
(42, "mati"),
(43, "panas"),
(44, "dingin"),
(45, "besar"),
(46, "kecil"),
(47, "tinggi"),
(48, "pendek"),
(49, "laki-laki"),
(50, "perempuan");
```

Gambar.2 kode query menambahkan value table indonesia

b. Tambah Value Table Pasarwajo

```
INSERT INTO takimpo (id, kata_takimpo) VALUES
(1, "indau"),
(2, "isoo"),
(3, "ingkita"),
(4, "isami"),
(5, "hamoia"),
(6, "aana"),
(7, "ungkaka"),
(8, "ama"),
(9, "ina"),
(10, "kaana"),
(11, "sikola"),
(12, "boku"),
(13, "pena"),
(14, "kartasi"),
(15, "hangka"),
(16, "todhe"),
(17, "maa"),
(18, "puroku"),
(19, "kamaa"),
(20, "kapuroku"),
(21, "ee"),
(22, "api"),
(23, "sabhangka"),
(24, "dhaoa"),
(25, "alo"),
(26, "wula"),
(27, "taku"),
(28, "kamamanu"),
(29, "bheka"),
(30, "meja"),
(31, "kurusi"),
(32, "kahompo"),
(33, "doe"),
(34, "karaja"),
(35, "tugasi"),
(36, "ncuru"),
(37, "pogau"),
(38, "pindongo"),
(39, "ita"),
(40, "mia"),
(41, "minti"),
(42, "mate"),
(43, "mpana"),
(44, "dhindi"),
(45, "toowa"),
(46, "kokodhi"),
(47, "cinggi"),
(48, "kakampu"),
(49, "mohane"),
(50, "mowine");
```

Gambar.3 kode query menambahkan value table Pasarwajo

c. Tambah Value Table Indonesia_Pasarwajo

```
INSERT INTO indonesia_takimpo (id_indonesia, id_takimpo) VALUES
(1, 1),
(2, 2),
(3, 3),
(4, 4),
(5, 5),
(6, 6),
(7, 7),
(8, 8),
(9, 9),
(10, 10),
(11, 11),
(12, 12),
(13, 13),
(14, 14),
(15, 15),
(16, 16),
(17, 17),
(18, 18),
(19, 19),
(20, 20),
(21, 21),
(22, 22),
(23, 23),
(24, 24),
(25, 25),
(26, 26),
(27, 27),
(28, 28),
(29, 29),
(30, 30),
(31, 31),
(32, 32),
(33, 33),
(34, 34),
(35, 35),
(36, 36),
(37, 37),
(38, 38),
(39, 39),
(40, 40),
(41, 41),
(42, 42),
(43, 43),
(44, 44),
(45, 45),
(46, 46),
(47, 47),
(48, 48),
(49, 49),
(50, 50);
```

Gambar.4 kode query menambahkan value table Indonesia_Pasarwajo

3. Pemberian nama alias atau pengganti

```
• SELECT i.kata_indonesia AS bhs_indonesia, t.kata_takimpo AS bhs_takimpo
  FROM indonesia takimpo up
  JOIN indonesia i ON up.id_indonesia = i.id
  JOIN takimpo t ON up.id_takimpo = t.id;

• SELECT t.kata_takimpo AS bhs_takimpo
  FROM indonesia takimpo up
  JOIN takimpo t ON up.id_takimpo = t.id
  WHERE up.id_indonesia = 1;

• SELECT i.kata_indonesia AS bhs_indonesia
  FROM indonesia takimpo up
  JOIN indonesia i ON up.id_indonesia = i.id
  WHERE up.id_takimpo = 1;
```

Gambar.5 pemberian alias atau pengganti nama sebelumnya

SEMUA QUERY

```
CREATE TABLE indonesia (  
    id INTEGER PRIMARY KEY AUTOINCREMENT,  
    kata_indonesia TEXT UNIQUE NOT NULL  
);  
  
CREATE TABLE pasarwajo (  
    id INTEGER PRIMARY KEY AUTOINCREMENT,  
    kata_pasarwajo TEXT UNIQUE NOT NULL  
);  
  
CREATE TABLE indonesia_pasarwajo (  
    id_indonesia INTEGER NOT NULL,  
    id_pasarwajo INTEGER NOT NULL,  
    PRIMARY KEY (id_indonesia, id_pasarwajo),  
    FOREIGN KEY (id_indonesia) REFERENCES  
indonesia (id) ON DELETE CASCADE,  
    FOREIGN KEY (id_pasarwajo) REFERENCES  
pasarwajo (id) ON DELETE CASCADE  
);
```

```
INSERT INTO indonesia (id, kata_indonesia)
```

```
VALUES
```

```
(1, "saya"),  
(2, "kamu"),  
(3, "kita"),  
(4, "kami"),  
(5, "mereka"),  
(6, "anak"),  
(7, "anak-anak"),  
(8, "ayah"),  
(9, "ibu"),  
(10, "rumah"),  
(11, "sekolah"),  
(12, "buku"),  
(13, "pena"),  
(14, "kertas"),  
(15, "jalan"),  
(16, "lari"),  
(17, "makan"),  
(18, "minum"),  
(19, "makanan"),  
(20, "minuman"),  
(21, "air"),
```

(22, "api"),
(23, "teman"),
(24, "pasar"),
(25, "hari"),
(26, "bulan"),
(27, "tahun"),
(28, "burung"),
(29, "kucing"),
(30, "meja"),
(31, "kursi"),
(32, "pintu"),
(33, "uang"),
(34, "kerja"),
(35, "tugas"),
(36, "tidur"),
(37, "bicara"),
(38, "dengar"),
(39, "lihat"),
(40, "orang"),
(41, "pergi"),
(42, "mati"),
(43, "panas"),
(44, "dingin"),

```
(45, "besar"),  
(46, "kecil"),  
(47, "tinggi"),  
(48, "pendek"),  
(49, "laki-laki"),  
(50, "perempuan");
```

```
INSERT INTO pasarwajo (id, kata_pasarwajo)  
VALUES
```

```
(1, "indau"),  
(2, "isoo"),  
(3, "ingkita"),  
(4, "isami"),  
(5, "hamoia"),  
(6, "aana"),  
(7, "ungkaka"),  
(8, "ama"),  
(9, "ina"),  
(10, "kaana"),  
(11, "sikola"),  
(12, "boku"),  
(13, "pena"),  
(14, "kartasi"),
```

(15, "hangka"),
(16, "todhe"),
(17, "maa"),
(18, "puroku"),
(19, "kamaa"),
(20, "kapuroku"),
(21, "ee"),
(22, "api"),
(23, "sabhangka"),
(24, "dhaoa"),
(25, "alo"),
(26, "wula"),
(27, "taku"),
(28, "kamamanu"),
(29, "bheka"),
(30, "meja"),
(31, "kurusi"),
(32, "kahompo"),
(33, "doe"),
(34, "karaja"),
(35, "tugasi"),
(36, "ncuru"),
(37, "pogau"),


```
(38, "pindongo"),  
(39, "ita"),  
(40, "mia"),  
(41, "mintе"),  
(42, "mate"),  
(43, "mpana"),  
(44, "dhindi"),  
(45, "toowa"),  
(46, "kokodhi"),  
(47, "cinggi"),  
(48, "kakampu"),  
(49, "mohane"),  
(50, "mowine");
```

```
INSERT INTO indonesia_pasarwajo  
(id_indonesia, id_pasarwajo) VALUES  
  (1, 1),  
  (2, 2),  
  (3, 3),  
  (4, 4),  
  (5, 5),  
  (6, 6),  
  (7, 7),
```

(8, 8),
(9, 9),
(10, 10),
(11, 11),
(12, 12),
(13, 13),
(14, 14),
(15, 15),
(16, 16),
(17, 17),
(18, 18),
(19, 19),
(20, 20),
(21, 21),
(22, 22),
(23, 23),
(24, 24),
(25, 25),
(26, 26),
(27, 27),
(28, 28),
(29, 29),
(30, 30),

(31, 31),

(32, 32),

(33, 33),

(34, 34),

(35, 35),

(36, 36),

(37, 37),

(38, 38),

(39, 39),

(40, 40),

(41, 41),

(42, 42),

(43, 43),

(44, 44),

(45, 45),

(46, 46),

(47, 47),

(48, 48),

(49, 49),

(50, 50);

```
SELECT i.kata_indonesia AS bhs_indonesia,  
j.kata_pasarwajo AS bhs_pasarwajo  
FROM indonesia_pasarwajo up  
JOIN indonesia i ON up.id_indonesia =  
i.id  
JOIN pasarwajo j ON up.id_pasarwajo =  
j.id;
```

```
SELECT j.kata_pasarwajo AS bhs_pasarwajo  
FROM indonesia_pasarwajo up  
JOIN pasarwajo j ON up.id_pasarwajo = j.id  
WHERE up.id_indonesia = 1;
```

```
SELECT i.kata_indonesia AS bhs_indonesia  
FROM indonesia_pasarwajo up  
JOIN indonesia i ON up.id_indonesia = i.id  
WHERE up.id_pasarwajo = 1;
```