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## Praktikum Perancangan Basis Datas

### 1. Lower

The screenshot shows the DBeaver 23.0.0 interface. The SQL Editor contains the query: `select lower (nama_alat) from alat where nama_alat='corong merah'`. The Results 1 pane displays a single row with the value 'corong merah'. The Database Navigator on the left shows the 'alat' table with columns: idalat (int(11)), idresep (int(11)), nama\_alat (varchar(255)), keterangan (varchar(45)), and reseps\_idresep (int(11)).

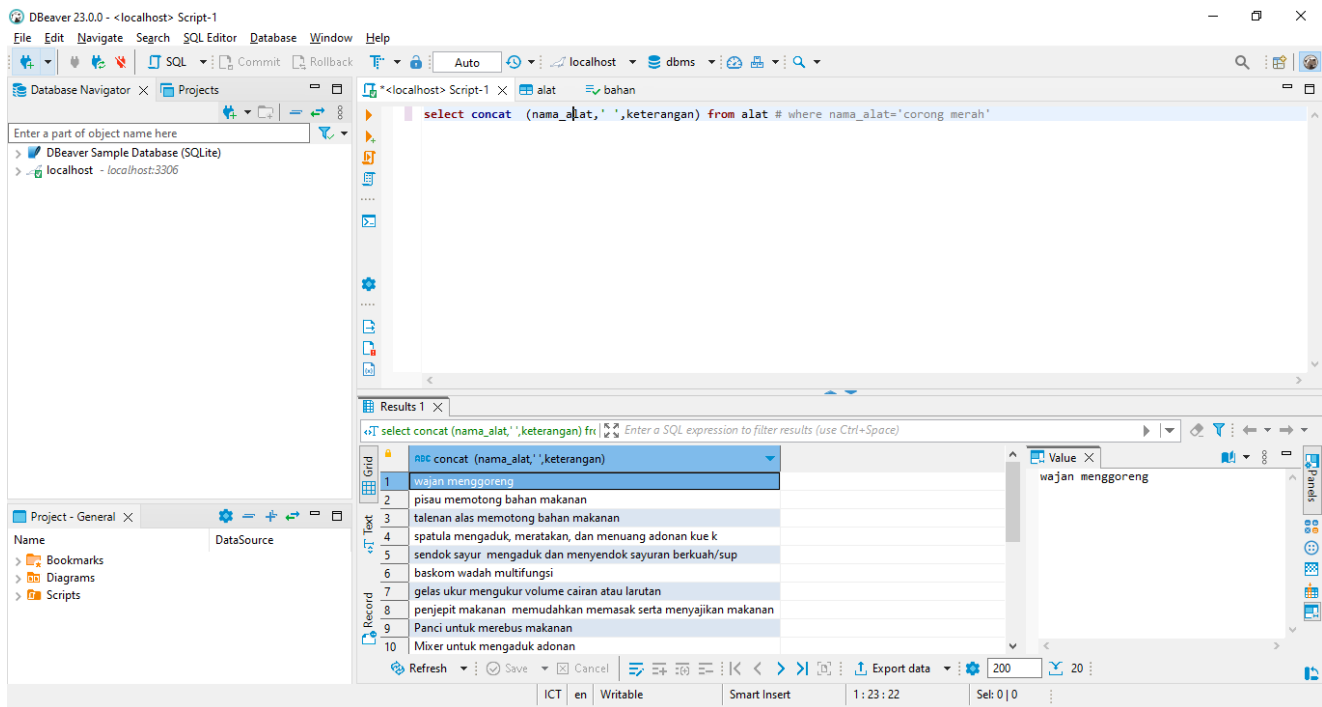
abc lower (nama_alat)
corong merah

### 2. Upper

The screenshot shows the DBeaver 23.0.0 interface. The SQL Editor contains the query: `select upper (nama_alat) from alat where nama_alat='corong merah'`. The Results 1 pane displays a single row with the value 'CORONG MERAH'. The Database Navigator on the left shows the 'alat' table with columns: idalat (int(11)), idresep (int(11)), nama\_alat (varchar(255)), keterangan (varchar(45)), and reseps\_idresep (int(11)).

abc upper (nama_alat)
CORONG MERAH

### 3. CONCAT



DBeaver 23.0.0 - <localhost> Script-1

File Edit Navigate Search SQL Editor Database Window Help

Database Navigator Projects

Enter a part of object name here

- > DBEaver Sample Database (SQLite)
- > localhost - localhost:3306

SQL Editor: `select concat (nama_alat, ' ', keterangan) from alat # where nama_alat='corong merah'`

Results 1

Grid

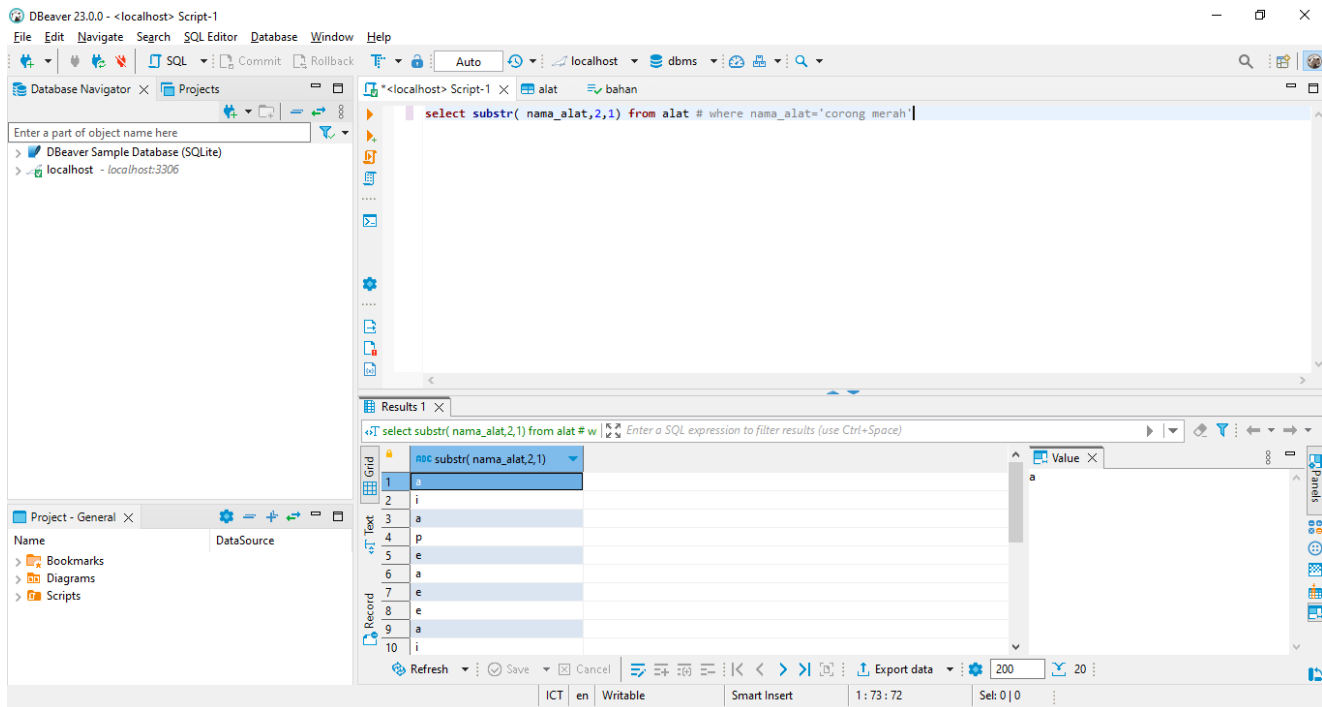
ABC concat (nama_alat, ' ', keterangan)
1 wajan menggoreng
2 pisau memotong bahan makanan
3 talenan alas memotong bahan makanan
4 spatula mengaduk, meratakan, dan menuang adonan kue k
5 sendok sayur mengaduk dan menyendok sayuran berkuah/sup
6 baskom wadah multifungsi
7 gelas ukur mengukur volume cairan atau larutan
8 penjepit makanan memudahkan memasak serta menyajikan makanan
9 Panci untuk merebus makanan
10 Mixer untuk mengaduk adonan

Value X: wajan menggoreng

Refresh Save Cancel Export data 200 20

ICT en Writable Smart Insert 1:23:22 Sek: 0|0

### 4. SUBSTR



DBeaver 23.0.0 - <localhost> Script-1

File Edit Navigate Search SQL Editor Database Window Help

Database Navigator Projects

Enter a part of object name here

- > DBEaver Sample Database (SQLite)
- > localhost - localhost:3306

SQL Editor: `select substr( nama_alat,2,1) from alat # where nama_alat='corong merah'`

Results 1

Grid

ABC substr( nama_alat,2,1)
1 a
2 i
3 a
4 p
5 e
6 a
7 e
8 e
9 a
10 i

Value X: a

Refresh Save Cancel Export data 200 20

ICT en Writable Smart Insert 1:73:72 Sek: 0|0

## 5. LENGTH

The screenshot shows the DBeaver 23.0.0 interface. The SQL Editor contains the query: `select length(nama_alat) from alat where nama_alat='corong merah'`. The Results panel displays a single row with the value 12. The Project - General tab is active, showing the database structure.

Database Navigator: Enter a part of object name here  
DBeaver Sample Database (SQLite)  
localhost - localhost:3306

SQL Editor: `select length(nama_alat) from alat where nama_alat='corong merah'`

Results 1: `select length(nama_alat) from alat where r`  
Grid: 1 | 12  
Value: 12

Project - General: Name, DataSource, Bookmarks, Diagrams, Scripts

Refresh, Save, Cancel, Export data, 200, 1

ICT en Writable Smart Insert 1:37:36 Sek: 0 | 0

## 6. INSTR

The screenshot shows the DBeaver 23.0.0 interface. The SQL Editor contains the query: `select instr(nama_alat,'h') from alat where nama_alat='corong merah'`. The Results panel displays a single row with the value 12. The Project - General tab is active, showing the database structure.

Database Navigator: Enter a part of object name here  
DBeaver Sample Database (SQLite)  
localhost - localhost:3306

SQL Editor: `select instr(nama_alat,'h') from alat where nama_alat='corong merah'`

Results 1: `select instr(nama_alat,'h') from alat where`  
Grid: 1 | 12  
Value: 12

Project - General: Name, DataSource, Bookmarks, Diagrams, Scripts

Refresh, Save, Cancel, Export data, 200, 1

ICT en Writable Smart Insert 1:26:25 Sek: 0 | 0

## 7. TRIM

The screenshot shows the DBeaver 23.0.0 interface. The SQL Editor contains the following query:

```
select trim('h' from nama_alat) from alat where nama_alat='corong|merah'
```

The Results panel displays the following data:

trim('h' from nama_alat)
corong mera

The status bar indicates "1 row(s) fetched - 5ms, on 2023-04-07 at 13:58:19".

## 8. LPAD

The screenshot shows the DBeaver 23.0.0 interface. The SQL Editor contains the following query:

```
select lpad(nama_alat,20,'*') from alat where nama_alat='corong|merah'
```

The Results panel displays the following data:

lpad(nama_alat,20,'*')
*****corong merah

The status bar indicates "1 row(s) fetched - 1ms, on 2023-04-07 at 14:01:53".

## 9. RPAD

The screenshot shows the DBeaver 23.0.0 interface. The SQL Editor contains the following query:

```
select rpad(nama_alat,20,'*') from alat where nama_alat='corong merah'
```

The Results window displays the output of the query:

Grid	Value
1	corong merah*****

The status bar indicates that 1 row(s) were fetched in 6ms on 2023-04-07 at 14:07:21.

## 10. REPLACE

The screenshot shows the DBeaver 23.0.0 interface. The SQL Editor contains the following query:

```
select replace('saya semangat sekali','s','sy') # from alat where nama_alat='corong merah'
```

The Results window displays the output of the query:

Grid	Value
1	syaya syemangat syekali

The status bar indicates that 1 row(s) were fetched in 5ms on 2023-04-07 at 14:12:08.

## 11. ROUND

The screenshot shows the DBeaver 23.0.0 interface. The SQL Editor contains the following script:

```
select round(25.356) from dual
#select round(25.356,1) from dual
#select round(25.356,2) from dual
```

The Results panel shows the output of the first query:

Grid	Value
1	25

The status bar indicates: 1 row(s) fetched - 1ms, on 2023-04-07 at 14:21:57.

The screenshot shows the DBeaver 23.0.0 interface. The SQL Editor contains the following script:

```
#select round(25.356) from dual
select round(25.356,1) from dual
#select round(25.356,2) from dual
```

The Results panel shows the output of the second query:

Grid	Value
1	25.4

The status bar indicates: 1 row(s) fetched - 1ms, on 2023-04-07 at 14:22:46.

DBeaiver 23.0.0 - <localhost> Script-1

File Edit Navigate Search SQL Editor Database Window Help

Database Navigator Projects

Enter a part of object name here

> DBeaiver Sample Database (SQLite)

> localhost - localhost:3306

SQL Editor

```
#select round(25.356) from dual
#select round(25.356,1) from dual
select round(25.356,2) from dual
```

Results 1

\*localhost> Script-1 alat bahan

Enter a SQL expression to filter results (use Ctrl+Space)

Grid	Value
123 round(25.356,2)	25.36

Refresh Save Cancel Export data 200 1

1 row(s) fetched - 1ms, on 2023-04-07 at 14:24:00

ICT en Writable Smart Insert 3:1:68 Set: 0 | 0

## 12. MOD

DBeaiver 23.0.0 - <localhost> Script-1

File Edit Navigate Search SQL Editor Database Window Help

Database Navigator Projects

Enter a part of object name here

> DBeaiver Sample Database (SQLite)

> localhost - localhost:3306

SQL Editor

```
select mod(9,3) from dual
```

Results 1

\*localhost> Script-1 alat bahan

Enter a SQL expression to filter results (use Ctrl+Space)

Grid	Value
123 mod(9,3)	0

Refresh Save Cancel Export data 200 1

1 row(s) fetched - 1ms, on 2023-04-07 at 14:25:45

ICT en Writable Smart Insert 1:13:12 Set: 0 | 0





