

Creating Table and Inserting the Data

The screenshot displays the DBeaver 22.2.0 interface with a SQL script being executed. The script creates three tables: SHK_DEPARTMENT, SHK_EMPLOYEE, and SHK_LOCATION, and inserts data into them. The output window shows the statement has been terminated. The results pane shows the data fetched from the SHK_DEPARTMENT table.

SQL Script:

```
CREATE TABLE dlithe.dbo.SHK_DEPARTMENT(
DEPT_ID INT PRIMARY KEY,
DEPT_NAME VARCHAR(20) NOT NULL,
DEPT_LOCATION VARCHAR(50)
);

CREATE TABLE dlithe.dbo.SHK_EMPLOYEE(
EMP_ID INT PRIMARY KEY,
EMP_NAME VARCHAR(20),
EMP_AGE INT,
EMP_ADDRESS VARCHAR(50),
DEPT_NO INT FOREIGN KEY(DEPT_NO) REFERENCES SHK_DEPARTMENT(DEPT_ID)
);

CREATE TABLE dlithe.dbo.SHK_LOCATION(
LOC_CITY VARCHAR(20) NOT NULL,
LOC_PINCODE INT PRIMARY KEY,
LOC_STATE VARCHAR(20) UNIQUE
);

INSERT INTO SHK_DEPARTMENT VALUES(1,'JAVA','BANGALORE');
INSERT INTO SHK_DEPARTMENT VALUES(2,'DOTNET','BANGALORE');
INSERT INTO SHK_DEPARTMENT VALUES(3,'DATABASE','BANGALORE');
INSERT INTO SHK_DEPARTMENT VALUES(4,'TESTING','BANGALORE');

SELECT * FROM SHK_DEPARTMENT
```

Results:

DEPT_ID	DEPT_NAME	DEPT_LOCATION
1	JAVA	BANGALORE
2	DOTNET	BANGALORE
3	DATABASE	BANGALORE
4	TESTING	BANGALORE

SQL Script (Continued):

```
INSERT INTO SHK_EMPLOYEE VALUES(1,'SACHIN',22,'BANGALORE',1);
INSERT INTO SHK_EMPLOYEE VALUES(2,'ABHISHEK',22,'BANGALORE',1);
INSERT INTO SHK_EMPLOYEE VALUES(3,'ARUN',22,'BANGALORE',2);
INSERT INTO SHK_EMPLOYEE VALUES(4,'ARJUN',22,'BANGALORE',2);
INSERT INTO SHK_EMPLOYEE VALUES(5,'SHON',22,'BANGALORE',3);

SELECT * FROM SHK_EMPLOYEE

INSERT INTO SHK_LOCATION VALUES('BANGALORE',11,'KARNATAKA');
INSERT INTO SHK_LOCATION VALUES('KOCHI',22,'KERALA');

--ALTER TABLE SHK_EMPLOYEE ADD CHECK(EMP_AGE);

SELECT * FROM SHK_LOCATION
SELECT * FROM SHK_DEPARTMENT
SELECT * FROM SHK_EMPLOYEE
```

Results:

EMP_ID	EMP_NAME	EMP_AGE	EMP_ADDRESS	DEPT_NO
1	SACHIN	22	BANGALORE	1
2	ABHISHEK	22	BANGALORE	1
3	ARUN	22	BANGALORE	2
4	ARJUN	22	BANGALORE	2
5	SHON	22	BANGALORE	3

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SQL Commit Rollback Auto dlithe dbo@dlithe

Enter a part of object name

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```
SELECT * FROM SHK_EMPLOYEE
```

```
INSERT INTO SHK_LOCATION VALUES('BANGALORE',11,'KARNATAKA');
INSERT INTO SHK_LOCATION VALUES('KOCHI',22,'KERALA');
INSERT INTO SHK_LOCATION VALUES('CHENNAI',32,'TAMILNADU');
--ALTER TABLE SHK_EMPLOYEE ADD CHECK(EMP_AGE);
```

```
SELECT * FROM SHK_LOCATION
SELECT * FROM SHK_DEPARTMENT
SELECT * FROM SHK_EMPLOYEE
```

Results 1 Results 1 (2) Results 1 (3) SQL Terminal

SELECT * FROM SHK_LOCATION SELECT * FROM Data filter is not supported

LOC_CITY	LOC_PINCODE	LOC_STATE
BANGALORE	11	KARNATAKA
KOCHI	22	KERALA
CHENNAI	32	TAMILNADU

Value X BANGALORE

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Scripts

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SQL Commit Rollback Auto dlithe dbo@dlithe

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```
SELECT * FROM SHK_EMPLOYEE
```

```
INSERT INTO SHK_LOCATION VALUES('BANGALORE',11,'KARNATAKA');
INSERT INTO SHK_LOCATION VALUES('KOCHI',22,'KERALA');
INSERT INTO SHK_LOCATION VALUES('CHENNAI',32,'TAMILNADU');
--ALTER TABLE SHK_EMPLOYEE ADD CHECK(EMP_AGE);
```

```
SELECT * FROM SHK_LOCATION
SELECT * FROM SHK_DEPARTMENT
SELECT * FROM SHK_EMPLOYEE
```

Results 1 Results 1 (2) Results 1 (3) SQL Terminal

SELECT * FROM SHK_LOCATION SELECT * FROM Data filter is not supported

DEPT_ID	DEPT_NAME	DEPT_LOCATION
1	JAVA	BANGALORE
2	DOTNET	BANGALORE
3	DATABASE	BANGALORE
4	TESTING	BANGALORE

Value X

Select a cell to view/edit value
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```
SELECT * FROM SHK_EMPLOYEE

INSERT INTO SHK_LOCATION VALUES('BANGALORE',11,'KARNATAKA');
INSERT INTO SHK_LOCATION VALUES('KOCHI',22,'KERALA');
INSERT INTO SHK_LOCATION VALUES('CHENNAI',32,'TAMILNADU');
--ALTER TABLE SHK_EMPLOYEE ADD CHECK(EMP_AGE);

SELECT * FROM SHK_LOCATION
SELECT * FROM SHK_DEPARTMENT
SELECT * FROM SHK_EMPLOYEE
```

Results 1 Results 1 (2) Results 1 (3) x SQL Terminal

SELECT * FROM SHK_LOCATION SELECT * FROM SHK_DEPARTMENT Data filter is not supported

Grid	EMP_ID	EMP_NAME	EMP_AGE	EMP_ADDRESS	DEPT_NO
1	1	SACHIN	22	BANGALORE	1
2	2	ABHISHEK	22	BANGALORE	1
3	3	ARUN	22	BANGALORE	2
4	4	ARJUN	22	BANGALORE	2
5	5	SHON	22	BANGALORE	3

Value x

Select a cell to view/edit value
Press F7 to hide this panel

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Name

- > Bookmarks
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- > Scripts

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