

## UPDATE CASCADE AND DELETE CASCADE

### Complete process

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#### # CREATE DATABASE

CREATE DATABASE

practice;

#### # USE DATABASE

USE practice;

#### # CREATE TABLE

CREATE TABLE bank\_details

(

account\_number BIGINT PRIMARY KEY,

account\_holder VARCHAR(20) NOT NULL,

address VARCHAR(20),

phone BIGINT,

CONSTRAINT bank\_details\_chk CHECK (address IN ('Mumbai', 'Pune', 'Delhi'))

);

#### # CREATE ANOTHER TABLE

CREATE TABLE transactions

(

acc\_no BIGINT PRIMARY KEY REFERENCES bank\_details(account\_number) ON UPDATE CASCADE ON DELETE CASCADE,

total\_amount FLOAT CHECK(total\_amount>0),

FOREIGN KEY (acc\_no) REFERENCES bank\_details(account\_number) ON UPDATE CASCADE ON DELETE CASCADE

);

```
# ALTER TABLE transactions ADD CHECK(toal_amount>0);
```

#### # CREATE ANOTHER TABLE

```
CREATE TABLE trans_info
```

```
(
```

```
acc_nu BIGINT ,
```

```
trans_date DATETIME
```

```
);
```

```
-- ALTER TABLE trans_info DROP FOREIGN KEY trans_info_IBFK_1;
```

```
ALTER TABLE trans_info ADD FOREIGN KEY (acc_nu) REFERENCES bank_details(account_number)
```

```
ON UPDATE CASCADE ON DELETE CASCADE;
```

#### # ENTER THE DATA INTO THE TABLES

```
INSERT INTO bank_details VALUES (111, 'A', 'Mumbai', 7875);
```

```
INSERT INTO bank_details VALUES (222, 'A', 'Delhi', 7875);
```

```
INSERT INTO bank_details VALUES (223, 'B', 'Pune', 7873);
```

```
INSERT INTO transactions VALUES (111, 100);
```

```
INSERT INTO transactions VALUES (222, 100);
```

```
INSERT INTO trans_info VALUES (111, '10-1-20');
```

```
INSERT INTO trans_info VALUES (222, '10-1-20');
```

```
DELETE FROM bank_details WHERE account_number = 111;
```

```
SELECT * FROM trans_info;
```

```
# Done
```