UPDATE CASCADE AND DELETE CASCADE

Complete process

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CREATE DATABASE

```
CREATE DATABASE
practice;
```

USE DATAVASE

```
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_detials_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
);
```

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

CREATE ANOTHER TABLE

```sql
CREATE TABLE trans_info

(

acc_nu BIGINT ,

trans_date DATETIME

);
```

```sql
-- 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

```sql
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