```
CREATE SCHEMA `bank` ;

Use bank;
CREATE TABLE accounts
( id int AUTO_INCREMENT,
  account_no bigint,
  balance float,
  PRIMARY KEY(id)
);

INSERT INTO accounts VALUES(1, 119900480901, 25000);
INSERT INTO accounts VALUES(2, 119900480912, 15000);
INSERT INTO accounts VALUES(3, 119900480911, 15700);
INSERT INTO accounts VALUES(4, 119900480931, 10000);
INSERT INTO accounts VALUES(5, 119900480903, 50000);

CREATE TABLE users
( id int AUTO_INCREMENT,
  name varchar(255),
  email varchar(255),
  account_id int,
  PRIMARY KEY(id),
  FOREIGN KEY(account_id) REFERENCES accounts(id)
);
INSERT INTO users VALUES(1, 'Nishant', 'nishant@gmail.com', 1);
INSERT INTO users VALUES(2, 'Deepak', 'sunil@gmail.com', 2);
INSERT INTO users VALUES(3, 'Navin', 'sunil@gmail.com', 3);
INSERT INTO users VALUES(4, 'Bhavik', 'sunil@gmail.com', 4);
INSERT INTO users VALUES(5, 'Sunil', 'sunil@gmail.com', 5);
```

i) userA is depositing 1000 Rs. his account

```
BEGIN;
SET autocommit = 0;
UPDATE accounts INNER JOIN users ON accounts.id = users.account_id
SET accounts.balance = accounts.balance + 1000
WHERE users.name = 'Nishant';
COMMIT;
```

ii) userA is withdrawing 500 Rs.

```
BEGIN;
SET autocommit = 0;
UPDATE accounts INNER JOIN users ON accounts.id = users.account_id
SET accounts.balance = accounts.balance - 500
WHERE users.name = 'Navin';
COMMIT;
```

iii) userA is transferring 200 Rs to userB's account

```
BEGIN;
SET autocommit = 0;
UPDATE accounts INNER JOIN users
ON accounts.id = users.account_id
SET accounts.balance = accounts.balance - 200
WHERE users.name = 'Deepak';

UPDATE accounts INNER JOIN users
ON accounts.id = users.account_id
SET accounts.balance = accounts.balance + 200
WHERE users.name = 'Sunil';
COMMIT;
```