TCL Commands

1. BEGIN AND COMMIT

```
CREATE TABLE accounts (

    id INT GENERATED BY DEFAULT AS IDENTITY,

    name VARCHAR(100) NOT NULL,

    balance DEC(15,2) NOT NULL,

    PRIMARY KEY(id)

);

INSERT INTO accounts(name,balance)

VALUES('Ramesh',1000);


select * from accounts;


BEGIN;

INSERT INTO accounts(name,balance)VALUES('Mahesh',2000);

COMMIT;
```

2.BEGIN ,SAVEPOINT AND ROLLBACK

```
INSERT INTO accounts(name, balance)

VALUES('Harish',0);

INSERT INTO accounts(name, balance)

VALUES('Amit',0);

BEGIN;


-- deduct the amount from the account 5

UPDATE accounts

SET balance = balance - 1500

WHERE id = 5;


-- add the amount from the account 7 (instead of 2)
```

```
UPDATE accounts

SET balance = balance + 1500

WHERE id = 7;

savepoint save;

UPDATE accounts

SET balance = balance + 1500

WHERE id = 1;


-- roll back the transaction

ROLLBACK to savepoint save;
```