**LAB - 5**

**06|02|2023**

**Praneesh Sharma**

**CSE-24**

**21052264**

RENAME TABLE BORROW\_21052264 TO LOAN\_21052264;

ALTER TABLE LOAN\_21052264 RENAME COLUMN LOANNO TO L\_ID;

ALTER TABLE LOAN\_21052264 MODIFY L\_ID INT;

ALTER TABLE DEPOSIT\_21052264 MODIFY ACTNO INT;

ALTER TABLE DEPOSIT\_21052264 MODIFY ACTNO INT NOT NULL;

ALTER TABLE LOAN\_21052264 MODIFY L\_ID INT NOT NULL UNIQUE;

ALTER TABLE DEPOSIT\_21052264 ADD COLUMN D\_ID INT UNIQUE;

UPDATE DEPOSIT\_21052264 SET D\_ID=1 WHERE ACTNO=100;

UPDATE DEPOSIT\_21052264 SET D\_ID=2 WHERE ACTNO=101;

UPDATE DEPOSIT\_21052264 SET D\_ID=3 WHERE ACTNO=102;

UPDATE DEPOSIT\_21052264 SET D\_ID=4 WHERE ACTNO=103;

UPDATE DEPOSIT\_21052264 SET D\_ID=5 WHERE ACTNO=104;

UPDATE DEPOSIT\_21052264 SET D\_ID=6 WHERE ACTNO=105;

ALTER TABLE DEPOSIT\_21052264 MODIFY COLUMN D\_ID INT NOT NULL;

ALTER TABLE DEPOSIT\_21052264 ALTER ADATE SET DEFAULT '2000-01-01';

ALTER TABLE DEPOSIT\_21052264 ADD CONSTRAINT A1 CHECK(ACTNO>=100);

ALTER TABLE LOAN\_21052264 ADD CONSTRAINT A2 CHECK(AMOUNT<10000.00);

ALTER TABLE DEPOSIT\_21052264 ADD CONSTRAINT A4 CHECK(ADATE>'1990-01-01');

SELECT D\_ID FROM DEPOSIT\_21052264 WHERE YEAR(ADATE)=1995;

SELECT AVG(AMOUNT) FROM DEPOSIT\_21052264;

SELECT \* FROM DEPOSIT\_21052264 ORDER BY AMOUNT DESC;