

ADVANCED DBMS LAB

EXPERIMENT 1

AIM

To study various DDL commands – CREATE, INSERT

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Roll No: 14

Batch: MCA B

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QUESTION

Create the following Tables and Insert values

Table 1: DEPOSIT

ACTNO VARCHAR2(5) PRIMARY KEY, FIRST LETTER MUST START WITH 'D'
 CNAME VARCHAR2(15) FOREIGN KEY REFERENCES CUSTOMER
 BNAME VARCHAR2(20) FOREIGN KEY REFERENCES BRANCH
 AMOUNT NUMBER (8,2) NOT NULL, CANNOT BE 0
 ADATE DATE

Table 2: BRANCH

BNAME VARCHAR2(20) PRIMARY KEY CITY VARCHAR2(30) NOT NULL , any one of NAGPUR, DELHI, BANGALORE, BOMBAY

Table 3: CUSTOMER

CNAME VARCHAR2(15)
 PRIMARY KEY CITY
 VARCHAR2(20) NOT NULL

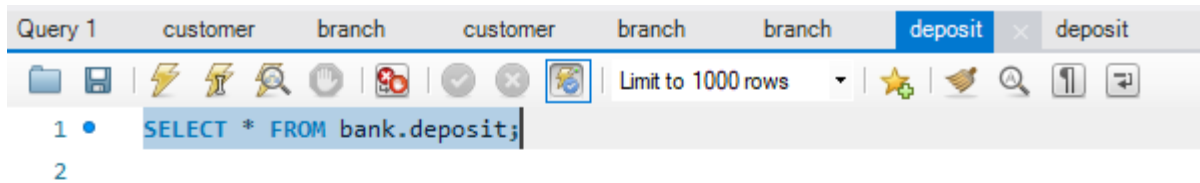
Table 4: BORROW

LOANNO VARCHAR2(8) PRIMARY KEY / FIRST LETTER MUST START WITH 'L'
 CNAME VARCHAR2(15) FOREIGN KEY REFERENCES CUSTOMER
 BNAME VARCHAR2(20) FOREIGN KEY REFERENCES BRANCH
 AMOUNT NUMBER(8,2) NOT NULL, CANNOT BE 0

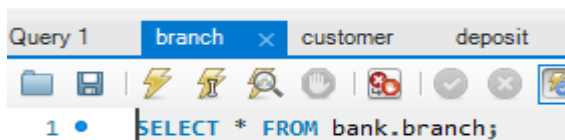
PROCEDURE

```

Query 1 x branch customer deposit borrow
Limit to 1000 rows
1 CREATE TABLE DEPOSIT (ACTNO VARCHAR(5) CHECK (ACTNO LIKE 'D%') PRIMARY KEY ,CNAME VARCHAR(15)
2 REFERENCES CUSTOMER(CNAME) ,BNAME VARCHAR(20) REFERENCES
3 BRANCH(BNAME),AMOUNT FLOAT(8) CHECK (AMOUNT>0) NOT NULL, ADATE DATE);
4 INSERT INTO DEPOSIT VALUES('D100','ANIL','VRCE',1000.00,'95-03-1');
5 INSERT INTO DEPOSIT VALUES('D101','SUNIL','ANJNI',500.00,'96-01-4');
6 INSERT INTO DEPOSIT VALUES('D102','MEHUL','KAROLBAGH',3500.00,'95-11-17');
7 INSERT INTO DEPOSIT VALUES('D104','MADHURI','CHANDNI',1200.00,'95-12-17');
8 INSERT INTO DEPOSIT VALUES('D105','PRAMOD','MG ROAD',3000.00,'96-03-27');
9 INSERT INTO DEPOSIT VALUES('D106','SANDIP','ANDHERI',2000.00,'96-03-31');
10 INSERT INTO DEPOSIT VALUES('D107','SHIVANI','VIRAR',1000.00,'95-09-5');
11 INSERT INTO DEPOSIT VALUES('D108','KRANTI','NEHRU PLACE',5000.00,'95-07-2');
12 INSERT INTO DEPOSIT VALUES('D109','MINU','POWAI',7000.00,'95-08-10');
  
```

OUTPUT**1. TABLE DEPOSIT**

Result Grid	Filter Rows:	Edit:	Export/Import:	Wrap Cell C
ACTNO	CNAME	BNAME	AMOUNT	ADATE
D104	MADHURI	CHANDNI	1200	1995-12-17
D105	PRAMOD	MG ROAD	3000	1996-03-27
D106	SANDIP	ANDHERI	2000	1996-03-31
D107	SHIVANI	VIRAR	1000	1995-09-05
D108	KRANTI	NEHRU PLACE	5000	1995-07-02
D109	MINU	POWAI	7000	1995-08-10
* NULL	NULL	NULL	NULL	NULL

2. TABLE BRANCH

Result Grid	Filter Rows:
BNAME	CITY
AJNI	NAGPUR
CHANDNI	DELHI
DHARAMPETH	NAGPUR
KAROLBAGH	DELHI
VRCE	NAGPUR
* NULL	NULL

3. TABLE CUSTOMER

Query 1 customer branch customer branch branch deposit deposit customer x

Limit to 1000 rows

1 • `SELECT * FROM bank.customer;`

Result Grid

CNAME	CITY
ANIL	CALCUTTA
KRANTI	BOMBAY
MADHURI	NAGPUR
MANDAR	PATNA
MEHUL	BARODA
NAREN	BOMBAY
PRAMOD	NAGPUR

4. TABLE BORROW

Query 1 branch customer deposit borrow x

Limit to 1000 rows

1 • `SELECT * FROM bank.borrow;`

Result Grid

LOANNO	CNAME	BNAME	AMOUNT
L201	ANIL	VRCE	1000
L206	MEHUL	AJNI	5000
L311	SUNIL	DHARAMPETH	3000
L321	MADHURI	ANDHERI	2000
L371	PRAMOD	VIRAR	8000
L481	KRANTI	NEHRU PLACE	3000
NULL	NULL	NULL	NULL