Experiment No.: 1

AIM
To study various DDL commands - CREATE

1.Create the following Tables

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
INSERTION OF VALUES
1. Inserting values to Branch
VRCE NAGPUR
AJNI NAGPUR
KAROLBAGH DELHI
CHANDNI DELHI
DHARAMPETH NAGPUR
MG ROAD BANGALORE

ADBMS RECORD

2.

ANDHERI BOMBAY
NEHRU PALACE DELHI
POWAI BOMBAY
2. Inserting values into Customer table
ANIL CALCUTTA
SUNIL DELHI

MEHUL BARODA
MANDAR PATNA
MADHURI NAGPUR
PRAMOD NAGPUR
SANDIP SURAT
SHIVANI BOMBAY
KRANTI BOMBAY
NAREN BOMBAY
3. Inserting values into Deposite table
Actno Cname Bname Amount Adate
D100 ANIL VRCE 1000.00 1-MAR-95
D101 SUNIL ANJNI 500.00 4-JAN-96
D102 MEHUL KAROLBAGH 3500.00 17-NOV-95
D104 MADHURI CHANDNI 1200.00 17-DEC-95
D105 PRAMOD MG ROAD 3000.00 27-MAR-96
D106 SANDIP ANDHERI 2000.00 31-MAR-96
D107 SHIVANI VIRAR 1000.00 5-SEP-95
D108 KRANTI NEHRU
PLACE

5000.00 2-JUL-95
D109 MINU POWAI 7000.00 10-AUG-95
4. Inserting values into borrow table
L201 ANIL VRCE 1000.00
L206 MEHUL AJNI 5000.00
L311 SUNIL DHARAMPETH 3000.00
L321 MADHURI ANDHERI 2000.00
L371 PRAMOD VIRAR 8000.00
L481 KRANTI NEHRU PLACE 3000.00

ADBMS RECORD

INSERT INTO Borrow VALUES('L201','ANIL','VRCE',1000.00);
INSERT INTO Borrow VALUES('L206','MEHUL','AJNI',5000.00);
INSERT INTO Borrow VALUES('L311','SUNIL','DHARAMPETH',3000.00);
INSERT INTO Borrow VALUES('L321','MADHURI','ANDHERI',2000.00);
INSERT INTO Borrow VALUES('L371','PRAMOD','VIRAR',8000.00);
INSERT INTO Borrow VALUES('L481','KRANTI','NEHRU PLACE',3000.00);

2.Branch

INSERT INTO Branch VALUES('VRCE','NAGPUR');
INSERT INTO Branch VALUES('AJNI','NAGPUR');
INSERT INTO Branch VALUES('KAROLBAGH','DELHI');
INSERT INTO Branch VALUES('CHANDNI','DELHI');
INSERT INTO Branch VALUES('DHARAMPETH','NAGPUR');
INSERT INTO Branch VALUES('MG ROAD','BANGALORE');
INSERT INTO Branch VALUES('ANDHERI','BOMBAY');
INSERT INTO Branch VALUES('NEHRU PALACE','DELHI');
INSERT INTO Branch VALUES('POWAI','BOMBAY');

BNAME	CITY
AJNI	NAGPUR
ANDHERI	BOMBAY
CHANDNI	DELHI
DHARAMPETH	NAGPUR
KAROLBAGH	DELHI
MG ROAD	BANGALORE
NEHRU PALACE	DELHI
POWAI	BOMBAY
VRCE	NAGPUR
NULL	NULL

3.Customer

INSERT INTO Customer VALUES('MEHUL','BARODA');
INSERT INTO Customer VALUES('MANDAR','PATNA');
INSERT INTO Customer VALUES('MADHURI','NAGPUR');
INSERT INTO Customer VALUES('PRAMOD','NAGPUR');
INSERT INTO Customer VALUES('SANDIP','SURAT');
INSERT INTO Customer VALUES('SHIVANI','BOMBAY');
INSERT INTO Customer VALUES('KRANTI','BOMBAY');
INSERT INTO Customer VALUES('NAREN','BOMBAY');

4.Deposit

INSERT INTO DEPOSIT VALUES('D100','ANIL','VRCE',1000.00,'1995-03-01');
INSERT INTO DEPOSIT VALUES('D101','SUNIL','ANJNI', 500.00,'1996-01-25');
INSERT INTO DEPOSIT VALUES('D102','MEHUL','KAROLBAGH',3500.00,'1995-03-04');
INSERT INTO DEPOSIT VALUES('D104','MADHURI', 'HANDNI',1200.00,'1995-12-17');
INSERT INTO DEPOSIT VALUES('D105','PRAMOD','MG ROAD',3000.00,'1996-03-14');
INSERT INTO DEPOSIT VALUES('D106','SANDIP','ANDHERI',2000.00,'1996-03-31');
INSERT INTO DEPOSIT VALUES('D107','SHIVANI','VIRAR',1000.00,'1995-07-05');
INSERT INTO DEPOSIT VALUES('D108','KRANTI','NEHRU',5000.00,'1995-06-02');
INSERT INTO DEPOSIT VALUES('D109','MINU','POWAI', 7000.00,'1995-08-05');

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1 •  SELECT * FROM bank.deposit;
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ACTNO	CNAME	BNAME	AMOUNT	ADATE
D100	ANIL	VRCE	1000	1995-03-01
D101	SUNIL	ANJNI	500	1996-01-25
D102	MEHUL	KAROLBAGH	3500	1995-03-04
D104	MADHURI	HANDNI	1200	1995-12-17
D105	PRAMOD	MG ROAD	3000	1996-03-14
D106	SANDIP	ANDHERI	2000	1996-03-31
D107	SHIVANI	VIRAR	1000	1995-07-05
D108	KRANTI	NEHRU	5000	1995-06-02
D109	MINU	POWAI	7000	1995-08-05
NULL	NULL	NULL	NULL	NULL