

Practical No 3

Aim: Simple Queries:

1. Describe deposit, branch.
2. Describe borrow, customers.
3. List all data from table DEPOSIT.
4. List all data from table BORROW.
5. List all data from table CUSTOMERS.
6. List all data from table BRANCH.
7. Give account no and amount of depositors.
8. List all data from SAILORS.
9. List Boat Name and its color.
10. List Employee name and its city.
11. List all the details of Clients.
12. Describe various products and its price.
13. Describe sailor's name, age and its rating.
14. Describe the managers of various employees
15. Describe the details of Loan for customers.
16. Describe the date of travel of various sailors.

Code:

1) Create tables according to the following definition.

```
CREATE TABLE DEPOSIT (ACTNO VARCHAR2(5),CNAME VARCHAR2(18),BNAME  
VARCHAR2(18),AMOUNT NUMBER(8,2),ADATE DATE);
```

DESC DEPOSIT

```
CREATE TABLE BRANCH(BNAME VARCHAR2(18),CITY VARCHAR2(18)); 2) CREATE
```

```
TABLE CUSTOMERS(CNAME VARCHAR2(19),CITY VARCHAR2(18));
```

```
.CREATE TABLE BORROW(LOANNO VARCHAR2(5),CNAME VARCHAR2(18),BNAME  
VARCHAR2(18),AMOUNT NUMBER(8,2));
```

Insert the data as shown below.

a. Insert data into DEPOSIT table:

```
INSERT INTO DEPOSIT VALUES('100','ANIL','VRCE',1000,'01-12-2020'); INSERT  
INTO DEPOSIT VALUES('101','SUNIL','AJNI',5000,'11-01-2020'); INSERT INTO  
DEPOSIT VALUES('102','MEHUL','KAROLBAGH',3500,'06-30-2020'); INSERT INTO  
DEPOSIT VALUES('105','PRMOD','M.G.ROAD',3000,'11-30-2020'); INSERT INTO  
DEPOSIT VALUES('106','SANDIP','ANDHERI',2000,'07-12-2020'); INSERT INTO  
DEPOSIT VALUES('107','SHIVANI','VIRAR',1000,'09-12-2021'); INSERT INTO
```

DEPOSIT VALUES('108','KRANTI','NEHRU PLACE',5000,'02-12-2021'); INSERT INTO
DEPOSIT VALUES('109','MINU','POWAI',7000,'05-16-2021');

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b.Insert data into BRANCH table:

INSERT INTO BRANCH VALUES('VRCE','NAGPUR');
INSERT INTO BRANCH VALUES('AJNI','NAGPUR');
INSERT INTO BRANCH VALUES('KAROLBAGH','DELHI');
INSERT INTO BRANCH VALUES('CHANDI','DELHI');
INSERT INTO BRANCH VALUES('DHARAMPETH','NAGPUR');
INSERT INTO BRANCH VALUES('M.G.ROAD','BANGLORE');
INSERT INTO BRANCH VALUES('ANDHERI','BOMBAY');
INSERT INTO BRANCH VALUES('VIHAR','BOMBAY'); INSERT
INTO BRANCH VALUES('NEHRU PLACE','DELHI'); INSERT
INTO BRANCH VALUES('POWAI','BOMBAY');

select * from branch

c.Insert data into CUSTOMERS table:

INSERT INTO CUSTOMERS VALUES ('ANIL','CALCUTTA');
INSERT INTO CUSTOMERS VALUES ('SUNIL','DELHI');
INSERT INTO CUSTOMERS VALUES ('MEHUL','BARODA');
INSERT INTO CUSTOMERS VALUES ('MANDAR','PATNA');
INSERT INTO CUSTOMERS VALUES ('MADHURI','NAGPUR');
INSERT INTO CUSTOMERS VALUES ('PRAMOD','NAGPUR');
INSERT INTO CUSTOMERS VALUES ('SANDIP','SURAT');
INSERT INTO CUSTOMERS VALUES ('SHIVANI','BOMBAY');
INSERT INTO CUSTOMERS VALUES ('KRANTI','BOMBAY');
INSERT INTO CUSTOMERS VALUES ('NAREN','BOMBAY');

d.Insert data into BORROW table:

INSERT INTO BORROW VALUES ('201','ANIL','VRCE',1000); INSERT
INTO BORROW VALUES ('206','MEHUL','VRCE',5000); INSERT INTO
BORROW VALUES ('311','SUNIL','DHARAMPETH',3000); INSERT INTO
BORROW VALUES ('321','MADHURI','ANDHERI',2000); INSERT INTO
BORROW VALUES ('375','PRMOD','VIHAR',8000); INSERT INTO
BORROW VALUES ('481','KRANTI','NEHRU PLACE',3000);

(a)Describe deposit, branch.

DESC DEPOSIT
DESC BRANCH
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(b)Describe borrow, customers
DESC BORROW
DESC CUSTOMERS

- 3). select * from DEPOSIT
- 4). select * from BORROW
- 5). select * from CUSTOMERS
6. select * from branch

7.Give account no and amount of depositors

SELECT ACTNO,AMOUNT FROM DEPOSIT

8. SELECT * FROM SAILORS;

9.SELECT BoatName, Color FROM BOATS;

10. SELECT EmployeeName, City FROM

EMPLOYEE; 11. SELECT * FROM CLIENTS;

12. SELECT ProductName, Price FROM PRODUCTS;

13. SELECT SName, Age, Rating FROM SAILORS;

14. SELECT EmployeeName, ManagerID FROM EMPLOYEES;

15. SELECT L.LoanID, C.CustomerName, L.LoanAmount,
L.InterestRate FROM LOANS L
JOIN CUSTOMERS C ON L.CustomerID = C.CustomerID;

16. SELECT SailorID, TravelDate FROM TRAVEL;

Extra Queries:-

*****Drop table:*****

Syntax:

Drop table tablename

Example:

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drop table BORROW

*****Truncate command*****

Truncate table branch

select * from branch

*****Alter command****

To add a new column in the table

ALTER TABLE table_name ADD column_name COLUMN-definition;

>>>Alter table deposit add(status varchar2(10))

ALTER TABLE MODIFY(COLUMN DEFINITION....);

>>>Alter table deposit modify(Cname varchar2(25))

DML Command:

Delete command:

1.delete from CUSTOMERS WHERE CNAME = 'ANIL'

2.delete from CUSTOMERS

Update command:

update DEPOSIT SET CNAME = 'Nirali' WHERE ACTNO = '101'

Conclusion: Here we have studied that, the above query run

successfully.