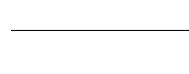
Kaustubh Wade(160410116050)

PRACTICAL 1



**Q 1 : Create tables according to the following definition.**

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

TABLE CREATED

SQL>CREATE TABLE BRANCH(BNAME VARCHAR2(18),CITY VARCHAR2(18));

TABLE CREATED

SQL>CREATE TABLE CUSTOMERS(CNAME VARCHAR2(19) ,CITY VARCHAR2(18));

TABLE CREATED

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

TABLE CREATED

**Q 2 : Insert the data.**

SQL> INSERT INTO DEPOSIT

2 VALUES(&ACCNO,'&CNAME','&BNAME',&AMOUNT,'&ADATE')

Enter value for accno: 100

Enter value for cname: ANIL

Enter value for bname: VRCE

Enter value for amount: 1000

Enter value for adate: 01-MAR-1995

old 2: VALUES(&ACCNO,'&CNAME','&BNAME',&AMOUNT,'&ADATE')

new 2: VALUES(100,'ANIL','VRCE',1000,'01-MAR-1995')

1 row created.

SQL> /

Enter value for accno: 101

Enter value for cname: SUNIL

Enter value for bname: AJNI

Enter value for amount: 5000

Enter value for adate: 04-JAN-1996

old 2: VALUES(&ACCNO,'&CNAME','&BNAME',&AMOUNT,'&ADATE')

new 2: VALUES(101,'SUNIL','AJNI',5000,'04-JAN-1996')

1 row created.

SQL> /

Enter value for accno: 102

Enter value for cname: MEHUL

Enter value for bname: KAROLBAGH

Enter value for amount: 3500

Enter value for adate: 17-NOV-1995

old 2: VALUES(&ACCNO,'&CNAME','&BNAME',&AMOUNT,'&ADATE')

new 2: VALUES(102,'MEHUL','KAROLBAGH',3500,'17-NOV-1995')

1 row created.

SQL> /

Enter value for accno: 104

Enter value for cname: MADHURI

Enter value for bname: CHANDI

Enter value for amount: 1200

Enter value for adate: 17-DEC-1995

old 2: VALUES(&ACCNO,'&CNAME','&BNAME',&AMOUNT,'&ADATE')

new 2: VALUES(104,'MADHURI','CHANDI',1200,'17-DEC-1995')

1 row created.

SQL> /

Enter value for accno: 105

Enter value for cname: PRAMOD

Enter value for bname: M.G.ROAD

Enter value for amount: 3000

Enter value for adate: 27-MAR-1996

old 2: VALUES(&ACCNO,'&CNAME','&BNAME',&AMOUNT,'&ADATE')

new 2: VALUES(105,'PRAMOD','M.G.ROAD',3000,'27-MAR-1996')

1 row created.

SQL> /

Enter value for accno: 106

Enter value for cname: SANDIP

Enter value for bname: ANDHERI

Enter value for amount: 2000

Enter value for adate: 31-MAR-1996

old 2: VALUES(&ACCNO,'&CNAME','&BNAME',&AMOUNT,'&ADATE')

new 2: VALUES(106,'SANDIP','ANDHERI',2000,'31-MAR-1996')

1 row created.

SQL> /

Enter value for accno: 107

Enter value for cname: SHIVANI

Enter value for bname: VIRAR

Enter value for amount: 1000

Enter value for adate: 05-SEP-1995

old 2: VALUES(&ACCNO,'&CNAME','&BNAME',&AMOUNT,'&ADATE')

new 2: VALUES(107,'SHIVANI','VIRAR',1000,'05-SEP-1995')

1 row created.

SQL> /

Enter value for accno: 108

Enter value for cname: KRANTI

Enter value for bname: NEHRU

Enter value for amount: 5000

Enter value for adate: 02-JUL-1995

old 2: VALUES(&ACCNO,'&CNAME','&BNAME',&AMOUNT,'&ADATE')

new 2: VALUES(108,'KRANTI','NEHRU ',5000,'02-JUL-1995')

1 row created.

SQL> /

Enter value for accno: 109

Enter value for cname: MINU

Enter value for bname: POWAI

Enter value for amount: 7000

Enter value for adate: 10-AUG-1995

old 2: VALUES(&ACCNO,'&CNAME','&BNAME',&AMOUNT,'&ADATE')

new 2: VALUES(109,'MINU','POWAI',7000,'10-AUG-1995')

1 row created.

SQL>INSERT INTO BRANCH

2 VALUES('&BNAME','&CITY');

Enter value for bname: VRCE

Enter value for city: NAGPUR

old 2: VALUES('&BNAME','&CITY')

new 2: VALUES('VRCE','NAGPUR')

1 row created.

SQL> /

Enter value for bname: AJNI

Enter value for city: NAGPUR

old 2: VALUES('&BNAME','&CITY')

new 2: VALUES('AJNI','NAGPUR')

1 row created.

SQL> /

Enter value for bname: KAROLBAGH

Enter value for city: DELHI

old 2: VALUES('&BNAME','&CITY')

new 2: VALUES('KAROLBAGH','DELHI')

1 row created.

SQL> /

Enter value for bname: CHANDI

Enter value for city: DELHI

old 2: VALUES('&BNAME','&CITY')

new 2: VALUES('CHANDI','DELHI')

1 row created.

SQL> /

Enter value for bname: DHAAMPETH

Enter value for city: NAGPUR

old 2: VALUES('&BNAME','&CITY')

new 2: VALUES('DHAAMPETH','NAGPUR')

1 row created.

SQL> /

Enter value for bname: M.G.ROAD

Enter value for city: BANGALORE

old 2: VALUES('&BNAME','&CITY')

new 2: VALUES('M.G.ROAD','BANGALORE')

1 row created.

SQL> /

Enter value for bname: ANDHERI

Enter value for city: BOMBAY

old 2: VALUES('&BNAME','&CITY')

new 2: VALUES('ANDHERI','BOMBAY')

1 row created.

SQL> /

Enter value for bname: VIRAR

Enter value for city: BOMBAY

old 2: VALUES('&BNAME','&CITY')

new 2: VALUES('VIRAR','BOMBAY')

1 row created.

SQL> NEHRU

SP2-0042: unknown command "NEHRU" - rest of line ignored.

SQL> /

Enter value for bname: NEHRU

Enter value for city: DELHI

old 2: VALUES('&BNAME','&CITY')

new 2: VALUES('NEHRU','DELHI')

1 row created.

SQL> /

Enter value for bname: POWAI

Enter value for city: BOMBAY

old 2: VALUES('&BNAME','&CITY')

new 2: VALUES('POWAI','BOMBAY')

1 row created.

SQL>INSERT INTO CUSTOMER

1. VALUES('&CNME','&CITY'); Enter value for cnme: ANIL Enter value for city: CALCUTTA old 2: VALUES('&CNME','&CITY')

new 2: VALUES('ANIL','CALCUTTA')

1 row created.

SQL> /

Enter value for cnme: SUNIL

Enter value for city: DELHI

old 2: VALUES('&CNME','&CITY')

new 2: VALUES('SUNIL','DELHI')

1 row created.

SQL> /

Enter value for cnme: MEHUL

Enter value for city: BARODA

old 2: VALUES('&CNME','&CITY')

new 2: VALUES('MEHUL','BARODA')

1 row created.

SQL> /

Enter value for cnme: MANDAR

Enter value for city: PATNA

old 2: VALUES('&CNME','&CITY')

new 2: VALUES('MANDAR','PATNA')

1 row created.

SQL> /

Enter value for cnme: MADHURI

Enter value for city: NAGPUR

old 2: VALUES('&CNME','&CITY')

new 2: VALUES('MADHURI','NAGPUR')

1 row created.

SQL> /

Enter value for cnme: PRAMOD

Enter value for city: NAGPUR

old 2: VALUES('&CNME','&CITY')

new 2: VALUES('PRAMOD','NAGPUR')

1 row created.

SQL> /

Enter value for cnme: SANDIP

Enter value for city: SURAT

old 2: VALUES('&CNME','&CITY')

new 2: VALUES('SANDIP','SURAT')

1 row created.

SQL> /

Enter value for cnme: SHIVANI

Enter value for city: BOMBAY

old 2: VALUES('&CNME','&CITY')

new 2: VALUES('SHIVANI','BOMBAY')

1 row created.

SQL> /

Enter value for cnme: KRANTI

Enter value for city: BOMBAY

old 2: VALUES('&CNME','&CITY')

new 2: VALUES('KRANTI','BOMBAY')

1 row created.

SQL> /

Enter value for cnme: NAREN

Enter value for city: BOMBAY

old 2: VALUES('&CNME','&CITY')

new 2: VALUES('NAREN','BOMBAY')

1 row created.

SQL> INSERT INTO BORROW

1. VALUES('&LOANNO','&CNAME','&BNAME',&AMOUNT); Enter value for loanno: 201

Enter value for cname: ANIL

Enter value for bname: VRCE

Enter value for amount: 1000

old 2: VALUES('&LOANNO','&CNAME','&BNAME',&AMOUNT)

new 2: VALUES('201','ANIL','VRCE',1000)

1 row created.

SQL> /

Enter value for loanno: 206

Enter value for cname: MEHUL

Enter value for bname: AJNI

Enter value for amount: 5000

old 2: VALUES('&LOANNO','&CNAME','&BNAME',&AMOUNT)

new 2: VALUES('206','MEHUL','AJNI',5000)

1 row created.

SQL> /

Enter value for loanno: 311

Enter value for cname: SUNIL

Enter value for bname: DHARAMPETH

Enter value for amount: 3000

old 2: VALUES('&LOANNO','&CNAME','&BNAME',&AMOUNT)

new 2: VALUES('311','SUNIL','DHARAMPETH',3000)

1 row created.

SQL> /

Enter value for loanno: 321

Enter value for cname: MADHURI

Enter value for bname: ANDHERI

Enter value for amount: 2000

old 2: VALUES('&LOANNO','&CNAME','&BNAME',&AMOUNT)

new 2: VALUES('321','MADHURI','ANDHERI',2000)

1 row created.

SQL> /

Enter value for loanno: 375

Enter value for cname: PRAMOD

Enter value for bname: VIRAR

Enter value for amount: 8000

old 2: VALUES('&LOANNO','&CNAME','&BNAME',&AMOUNT)

new 2: VALUES('375','PRAMOD','VIRAR',8000)

1 row created.

SQL> /

Enter value for loanno: 481

Enter value for cname: KRANTI

Enter value for bname: NEHRU

Enter value for amount: 3000

old 2: VALUES('&LOANNO','&CNAME','&BNAME',&AMOUNT)

new 2: VALUES('481','KRANTI','NEHRU',3000)

1 row created.

**Query 1 Describe deposit, branch.**

SQL> DESC DEPOSIT;

Name Null? Type

----------------------------------------- -------- ----------------------------

|  |  |
| --- | --- |
| ACCNO | VARCHAR2(5) |
| CNAME | VARCHAR2(20) |
| BNAME | VARCHAR2(20) |
| AMOUNT | NUMBER(8,2) |
| ADATE | DATE |

SQL> DESC BRANCH;

Name Null? Type

----------------------------------------- -------- ----------------------------

BNAME VARCHAR2(20)

CITY VARCHAR2(20)

**Query 2 Describe borrow, customers.**

SQL> DESC BORROW;

Name Null? Type

----------------------------------------- -------- ----------------------------

|  |  |
| --- | --- |
| LOANNO | VARCHAR2(5) |
| CNAME | VARCHAR2(15) |
| BNAME | VARCHAR2(15) |
| AMOUNT | NUMBER(8,2) |
| SQL> DESC CUSTOMER; |  |
| Name | Null? Type |

----------------------------------------- -------- ----------------------------

CNMAE VARCHAR2(20)

CITY VARCHAR2(20)

**Query 3 List all data from table DEPOSIT**

SQL> SELECT \* FROM DEPOSIT;

|  |  |  |  |
| --- | --- | --- | --- |
| ACCNO CNAME | | BNAME | AMOUNT ADATE |
| ----- -------------------- -------------------- ---------- --------- | | | |
| 100 | ANIL | VRCE | 1000 01-MAR-95 |
| 101 | SUNIL | AJNI | 5000 04-JAN-96 |
| 102 | MEHUL | KAROLBAGH | 3500 17-NOV-95 |
| 104 | MADHURI | CHANDI | 1200 17-DEC-95 |
| 105 | PRAMOD | M.G.ROAD | 3000 27-MAR-96 |
| 106 | SANDIP | ANDHERI | 2000 31-MAR-96 |
| 107 | SHIVANI | VIRAR | 1000 05-SEP-95 |
| 108 | KRANTI | NEHRU | 5000 02-JUL-95 |
| 109 | MINU | POWAI | 7000 10-AUG-95 |

9 rows selected.

**Query 4 List all data from table BRANCH.**

SQL> SELECT \* FROM BRANCH;

BNAME CITY

-------------------- --------------------

|  |  |
| --- | --- |
| VRCE | NAGPUR |
| AJNI | NAGPUR |
| KAROLBAGH | DELHI |
| CHANDI | DELHI |
| DHAAMPETH | NAGPUR |
| M.G.ROAD | BANGALORE |
| ANDHERI | BOMBAY |
| VIRAR | BOMBAY |
| NEHRU | DELHI |
| POWAI | BOMBAY |

10 rows selected.

**Query 5 List all data from table CUSTOMER.**

SQL> SELECT \* FROM CUSTOMER;

CNMAE CITY

-------------------- --------------------

|  |  |
| --- | --- |
| ANIL | CALCUTTA |
| SUNIL | DELHI |
| MEHUL | BARODA |
| MANDAR | PATNA |
| MADHURI | NAGPUR |
| PRAMOD | NAGPUR |
| SANDIP | SURAT |
| SHIVANI | BOMBAY |
| KRANTI | BOMBAY |
| NAREN | BOMBAY |

10 rows selected.

**Query 6 List all data from table BORROW.**

SQL> SELECT \* FROM BORROW;

LOANN CNAME BNAME AMOUNT

----- --------------- --------------- ----------

201 ANIL VRCE 1000

206 MEHUL AJNI 5000

311 SUNIL DHARAMPETH 3000

321 MADHURI ANDHERI 2000

375 PRAMOD VIRAR 8000

481 KRANTI NEHRU 3000

6 rows selected.

**Query 7 Give account no and amount of depositors.**

SQL> SELECT ACCNO,AMOUNT FROM DEPOSIT

ACCNO AMOUNT

* ----------

1001000

1015000

1023500

1041200

1. 3000
2. 2000
3. 1000
4. 5000
5. 7000

9 rows selected.

**Query 8 Give name of depositors having amount greater than 4000.**

SQL> SELECT CNAME FROM DEPOSIT

2 WHERE AMOUNT>4000;

CNAME

--------------------

SUNIL

KRANTI

MINU

**Query 9 Give name of customers who opened account after date '1-12-96'.**

SQL> SELECT CNAME FROM DEPOSIT

1. WHERE
2. ADATE>'01-DEC-1996';

no rows selected