

# PRACTICAL 1

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## **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

2 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  
2 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
100	1000
101	5000
102	3500
104	1200

105	3000
106	2000
107	1000
108	5000
109	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
2  WHERE
3  ADATE>'01-DEC-1996';
```

no rows selected