

ASSIGNMENT 1

```
SQL*Plus: Release 11.2.0.2.0 Production on Mon Jan 24 02:24:45 2022
```

```
Copyright (c) 1982, 2014, Oracle. All rights reserved.
```

```
SQL> connect ashutosh/ashutosh;
```

```
Connected.
```

```
SQL> spool C:\oslab\lab1.txt
```

Q1. Create the following table according to the following information

i) Table name- DEPOSIT(roll number)

<u>FIELD NAME</u>	<u>DATA TYPE</u>	<u>SIZE</u>
ACTNO	VARCHAR2	5
CNAME	VARCHAR2	20
BNAME	VARCHAR2	20
AMOUNT	NUMBER	8,2
ADATE	DATE	

```
SQL> CREATE TABLE DEPOSIT_2005017(ACTNO VARCHAR2(5), CNAME VARCHAR2(20), BNAME VARCHAR2(20), AMOUNT NUMBER(8,2), ADATE DATE);
```

```
Table created.
```

ii) Table name-BRANCH(roll number)

<u>FIELD NAME</u>	<u>DATA TYPE</u>	<u>SIZE</u>
BNAME	VARCHAR2	20
CITY	VARCHAR2	20

```
SQL> CREATE TABLE BRANCH_2005017(BNAME VARCHAR2(20), CITY VARCHAR2(20));
```

iii) Table name-CUSTOMER(roll number)

<u>FIELD NAME</u>	<u>DATA TYPE</u>	<u>SIZE</u>
CNAME	VARCHAR2	20
CITY	VARCHAR2	20

```
SQL> CREATE TABLE CUSTOMER_2005017(CNAME VARCHAR2(20), CITY VARCHAR2(20));
```

iv) Table name-BORROW(roll number)

<u>FIELD NAME</u>	<u>DATA TYPE</u>	<u>SIZE</u>
LOANNO	VARCHAR2	5
CNAME	VARCHAR2	20
BNAME	VARCHAR2	20
AMOUNT	NUMBER	(8,2)

```
SQL> CREATE TABLE BORROW_2005017(LOANNO VARCHAR2(5), CNAME VARCHAR2(20), BNAME VARCHAR2(20), AMOUNT NUMBER(8,2));
```

Q2. Describe the tables which are already created

```
SQL> DESC DEPOSIT_2005017;
```

Name	Null?	Type
ACTNO		VARCHAR2(5)
CNAME		VARCHAR2(20)
BNAME		VARCHAR2(20)
AMOUNT		NUMBER(8,2)
ADATE		DATE

(ii)

```
SQL> DESC BRANCH_2005017;
```

Name	Null?	Type
BNAME		VARCHAR2(20)
CITY		VARCHAR2(20)

(iii)

```
SQL> DESC CUSTOMER_2005017;
```

Name	Null?	Type
CNAME		VARCHAR2(20)
CITY		VARCHAR2(20)

(iv)

```
SQL> DESC BORROW_2005017;
```

Name	Null?	Type
LOANNO		VARCHAR2(5)
CNAME		VARCHAR2(20)
BNAME		VARCHAR2(20)
AMOUNT		NUMBER(8,2)

Q3. Find out the tables which are created by the user.

```
SQL> SELECT TABLE_NAME FROM USER_TABLES;
```

TABLE_NAME
DEPOSIT_2005017
BRANCH_2005017
CUSTOMER_2005017
BORROW_2005017

Q4. Insert the data as for the following

i) DEPOSIT(roll number)

<u>ACTNO</u>	<u>CNAME</u>	<u>BNAME</u>	<u>AMOUNT</u>	<u>ADATE</u>
100	ANIL	VRCE	1000.00	01-MAR-95
101	SUNIL	MGROAD	5000.00	04-JAN-96
102	RAHUL	KAROLBAGH	3500.00	17-NOV-95
103	MADHURI	CHANDNI	1200.00	17-DEC-95
104	PRAMOD	MGROAD	3000.00	27-MAR-96
105	SANDIP	KAROLBAGH	2000.00	31-MAR-96

```
SQL> INSERT INTO DEPOSIT_2005017 VALUES(100, 'ANIL', 'VRCE', 1000.00, '01-MAR-95');
```

1 row created.

```
SQL> INSERT INTO DEPOSIT_2005017 VALUES(101, 'SUNIL', 'AJNI', 5000.00, '04-JAN-96');
```

1 row created.

```
SQL> INSERT INTO DEPOSIT_2005017 VALUES(102, 'RAHUL', 'KAROLBAGH', 3500.00, '17-NOV-95');
```

1 row created.

```
SQL> INSERT INTO DEPOSIT_2005017 VALUES(103, 'MADHURI', 'CHANDNI', 1200.00, '17-DEC-95');
```

1 row created.

```
SQL> INSERT INTO DEPOSIT_2005017 VALUES(104, 'PRAMOD', 'MGROAD', 3000.00, '27-MAR-96');
```

1 row created.

```
SQL> INSERT INTO DEPOSIT_2005017 VALUES(105, 'SANDIP', 'KAROLBAGH', 2000.00, '31-MAR-96');
```

1 row created.

```
SQL> SELECT * FROM DEPOSIT_2005017;
```

ACTNO	CNAME	BNAME	AMOUNT	ADATE
-----	-----	-----	-----	-----
100	ANIL	VRCE	1000	01-MAR-95
101	SUNIL	AJNI	5000	04-JAN-96
102	RAHUL	KAROLBAGH	3500	17-NOV-95
103	MADHURI	CHANDNI	1200	17-DEC-95
104	PRAMOD	MGROAD	3000	27-MAR-96
105	SANDIP	KAROLBAGH	2000	31-MAR-96

6 rows selected.

i) BRANCH(roll number)

<u>BRANCH</u>	<u>CITY</u>
VRCE	NAGPUR
KAROLBAGH	DELHI
CHANDNI	DELHI
MGROAD	BANGALORE

```
SQL> INSERT INTO BRANCH_2005017 VALUES('VRCE', 'NAGPUR');
1 row created.

SQL> INSERT INTO BRANCH_2005017 VALUES('AJNI', 'NAGPUR');
1 row created.

SQL> INSERT INTO BRANCH_2005017 VALUES('KAROLBAGH', 'DELHI');
1 row created.

SQL> INSERT INTO BRANCH_2005017 VALUES('CHANDNI', 'DELHI');
1 row created.

SQL> INSERT INTO BRANCH_2005017 VALUES('MGROAD', 'BANGALORE');
1 row created.

SQL> SELECT * FROM BRANCH_2005017;

BNAME          CITY
-----
VRCE            NAGPUR
AJNI            NAGPUR
KAROLBAGH      DELHI
CHANDNI        DELHI
MGROAD         BANGALORE
```


ii) BORROW(roll number)

<u>LOANNO</u>	<u>CNAME</u>	<u>BNAME</u>	<u>AMOUNT</u>
201	ANIL	VRCE	1000.00
206	RAHUL	KAROLBAGH	5000.00
311	SUNIL	MGROAD	3000.00
321	MADHURI	CHANDNI	2000.00
375	PRAMOD	MGROAD	8000.00

```
SQL> INSERT INTO BORROW_2005017 VALUES(201, 'ANIL', 'VRCE', 1000.00);
```

```
1 row created.
```

```
SQL> INSERT INTO BORROW_2005017 VALUES(206, 'RAHUL', 'AJNI', 5000.00);
```

```
1 row created.
```

```
SQL> INSERT INTO BORROW_2005017 VALUES(311, 'SUNIL', 'DHARAMPETH', 3000.00);
```

```
1 row created.
```

```
SQL> INSERT INTO BORROW_2005017 VALUES(321, 'MADHURI', 'ANDHERI', 2000.00);
```

```
1 row created.
```

```
SQL> INSERT INTO BORROW_2005017 VALUES(375, 'PRAMOD', 'VIHAR', 8000.00);
```

```
1 row created.
```

```
SQL> SELECT * FROM BORROW_2005017;
```

LOANN	CNAME	BNAME	AMOUNT
201	ANIL	VRCE	1000
206	RAHUL	AJNI	5000
311	SUNIL	DHARAMPETH	3000
321	MADHURI	ANDHERI	2000
375	PRAMOD	VIHAR	8000

iii) CUSTOMER(roll number)

<u>CNAME</u>	<u>CITY</u>
ANIL	CALCUTA
RAHUL	BARODA
MADHURI	NAGPUR
PRAMOD	NAGPUR
SUNIL	DELHI

```
SQL> INSERT INTO CUSTOMER_2005017 VALUES('ANIL', 'CALCUTTA');
```

```
1 row created.
```

```
SQL> INSERT INTO CUSTOMER_2005017 VALUES('SUNIL', 'DELHI');
```

```
1 row created.
```

```
SQL> INSERT INTO CUSTOMER_2005017 VALUES('RAHUL', 'BARODA');
```

```
1 row created.
```

```
SQL> INSERT INTO CUSTOMER_2005017 VALUES('MADHURI', 'NAGPUR');
```

```
1 row created.
```

```
SQL> INSERT INTO CUSTOMER_2005017 VALUES('PRAMOD', 'NAGPUR');
```

```
1 row created.
```

```
SQL> SELECT * FROM CUSTOMER_2005017;
```

CNAME	CITY
ANIL	CALCUTTA
SUNIL	DELHI
RAHUL	BARODA
MADHURI	NAGPUR
PRAMOD	NAGPUR

Q5. Retrieve the details from the table DEPOSIT(roll number)

```
SQL> connect ashutosh/ashutosh;
```

```
Connected.
```

```
SQL> spool C:\dbmsLab\lab2.txt
```

```
SQL> SELECT * FROM DEPOSIT_2005017;
```

ACTNO	CNAME	BNAME	AMOUNT	ADATE
100	ANIL	VRCE	1000	01-MAR-95
101	SUNIL	AJNI	5000	04-JAN-96
102	RAHUL	KAROLBAGH	3500	17-NOV-95
103	MADHURI	CHANDNI	1200	17-DEC-95
104	PRAMOD	MGROAD	3000	27-MAR-96
105	SANDIP	KAROLBAGH	2000	31-MAR-96

```
6 rows selected.
```

Q6. Retrieve the customer name, account no of DEPOSIT(roll number).

```
SQL> SELECT CNAME AS "CUSTOMER NAME", ACTNO AS "ACCOUNT NO" FROM DEPOSIT_2005017;
```

CUSTOMER NAME	ACCOU
ANIL	100
SUNIL	101
RAHUL	102
MADHURI	103
PRAMOD	104
SANDIP	105

```
6 rows selected.
```