SWE1004 Lab Sheet 2

(L 9 + L10)

DML commands

Questions: Study DDL and DML commands.

Create tables according to the following definition.

CREATE TABLE DEPOSIT1119 (ACTNO VARCHAR2(5), CNAME VARCHAR2(18), BNAME VARCHAR2(18)
,
AMOUNT NUMBER(8,2) ,ADATE DATE);

CREATE TABLE BRANCH1119 (BNAME VARCHAR2 (18), CITY VARCHAR2 (18));

CREATE TABLE CUSTOMERS1119 (CNAME VARCHAR2 (19), CITY VARCHAR2

(18));

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

From the above given tables perform the following queries:

```
SQL> CREATE TABLE DEPOSIT1119 (ACTNO VARCHAR2(5) , CNAME VARCHAR2(18) , BNAME VARCHAR2(18), AMOUNT NUMBER(8,2), ADATE DATE);

Table created.

SQL> CREATE TABLE BRANCH1119 (BNAME VARCHAR2(18),CITY VARCHAR2(18));

Table created.

SQL> CREATE TABLE CUSTOMERS1119(CNAME VARCHAR2(19) , CITY VARCHAR2(18));

Table created.
```

(1) Describe DEPOSIT1119, BRANCH1119.

```
SQL> desc DEPOSIT1119
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------------
 ACTNO                                              VARCHAR2(5)
 CNAME                                              VARCHAR2(18)
 BNAME                                              VARCHAR2(18)
 AMOUNT                                             NUMBER(8,2)
 ADATE                                              DATE

SQL> DESC BRANCH1119
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------------
 BNAME                                              VARCHAR2(18)
 CITY                                               VARCHAR2(18)
```

(2) List all data from table CUSTOMERS1119.

```
SQL> SELECT*FROM CUSTOMERS1119;

CNAME               CITY
------------------  ------------------
ANIL                CALCUTTA
SUNIL               DELHI
MEHUL               BARODA
MANDAR              PATNA
MADHURI             NAGPUR
PRAMOD              NAGPUR
```

(3) List all data from table BRANCH1119.

```
SQL> SELECT*FROM BRANCH1119
  2 ;

BNAME               CITY
------------------  ------------------
VRCE                NAGPUR
AJNI                NAGPUR
KAROLBAGH           DELHI
CHANDI              DELHI
ANDHERI             BOMBAY
```

(4) Display account no and amount of DEPOSIT1119ors.

```
SQL> SELECT ACTNO,AMOUNT FROM DEPOSIT1119
  2 ;

ACTNO     AMOUNT
-----  ----------
101         5000
100         1000
102         3500
104         1200
105         3000
```

(5) Display name of DEPOSIT1119ors having amount greater than 4000.

```
SQL> SELECT CNAME FROM DEPOSIT1119
  2  WHERE AMOUNT>4000;

CNAME
------------------
SUNIL
```

(6) Update customer 'SHIVANI's city from 'BOMBAY' to 'CHENNAI'

```
SHIVANI             CHENNAI

7 rows selected.
```

Important guidelines to be followed

- Every table created should have the last four digits of your registration number **together with the table name(eg:emp_1021)**
- Insert a minimum of 4 to 5 **records** for each table as per the requirements of the query.
- No query must return an answer **"No rows found"**
- *Upload a **PDF** document with*
    - *the screenshots of tables created, Records of the tables,*
    - *SQL queries with answers*