

Assignment-2

DBMS (UCS310)

By:

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Ques 1) Create CUSTOMER table based on given information.

CODE:

```
CREATE TABLE CUSTOMER(  
CUSTOMER_NAME VARCHAR(15),  
CUSTOMER_STREET VARCHAR(15),  
CUSTOMER_CITY VARCHAR(15)  
);
```

The screenshot shows an SQL Worksheet interface. At the top, there's a title bar with 'SQL Worksheet' and buttons for 'Clear', 'Find', and 'Actions'. Below the title bar, the SQL code is entered in a text area, with line numbers 1 through 7 on the left. The code is:
1 CREATE TABLE CUSTOMER(
2 CUSTOMER_NAME VARCHAR(15),
3 CUSTOMER_STREET VARCHAR(15),
4 CUSTOMER_CITY VARCHAR(15)
5);
6
7 DESC CUSTOMER
Below the code area, a message 'Table created.' is displayed. Underneath that, a table titled 'TABLE CUSTOMER' is shown, containing three columns: 'Column', 'Null?', and 'Type'. The table has three rows of data:
- Row 1: CUSTOMER_NAME, Null?, VARCHAR2(15)
- Row 2: CUSTOMER_STREET, Null?, VARCHAR2(15)
- Row 3: CUSTOMER_CITY, Null?, VARCHAR2(15)

Column	Null?	Type
CUSTOMER_NAME	-	VARCHAR2(15)
CUSTOMER_STREET	-	VARCHAR2(15)
CUSTOMER_CITY	-	VARCHAR2(15)

Ques 2) Create BRANCH table based on given information.

CODE:

```
CREATE TABLE BRANCH(  
BRANCH_NAME VARCHAR(15),  
BRANCH_CITY VARCHAR(15),
```

ASSETS INTEGER(8)

);

SQL Worksheet

Clear

1

2

3

4

5

6

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8

9

CREATE TABLE BRANCH(
branch_name VARCHAR(15),
branch_city VARCHAR(15),
assets INT
);
DESC BRANCH

Table created.

TABLE BRANCH

Column	Null?	Type
BRANCH_NAME	-	VARCHAR2(15)
BRANCH_CITY	-	VARCHAR2(15)
ASSETS	-	NUMBER

Ques 3) Create ACCOUNT table based on given information.

CODE:

```
CREATE TABLE ACCOUNT(  
ACCOUNT_NUMBER INTEGER(8),  
BRANCH_NAME VARCHAR(15),  
BALANCE INTEGER(8),  
);
```

```

1 CREATE TABLE ACCOUNT(
2     account_number INT,
3     branch_name VARCHAR(15),
4     balance INT
5 );
6
7 DESC ACCOUNT
8
9

```

TABLE ACCOUNT

Column	Null?	Type
ACCOUNT_NUMBER	-	NUMBER
BRANCH_NAME	-	VARCHAR2(15)
BALANCE	-	NUMBER

Ques 4) Create LOAN table based on given information.

CODE:

```

CREATE TABLE LOAN(
    LOAN_NUMBER INTEGER(8),
    BRANCH_NAME VARCHAR(15),
    AMOUNT INTEGER(8),
);

```

SQL Worksheet

 Clear

```

1 CREATE TABLE loan(
2     loan_number INT,
3     branch_name VARCHAR(15),
4     amount INT
5 );
6
7 DESC loan
8
9

```

Table created.

TABLE LOAN

Column	Null?	Type
LOAN_NUMBER	-	NUMBER
BRANCH_NAME	-	VARCHAR2(15)
AMOUNT	-	NUMBER

Ques 5) Create DEPOSITOR table based on given information.

CODE:

```
CREATE TABLE DEPOSITOR (  
    CUSTOMER_NAME VARCHAR(15) NOT NULL UNIQUE,  
    ACCOUNT_NUMBER INTEGER(8) NOT NULL UNIQUE,  
  
);
```

SQL Worksheet Clear

```
1 v CREATE TABLE Depositor(  
2     account_number INT,  
3     customer_name VARCHAR(15)  
4 );  
5  
6 DESC Depositor  
7  
8
```

Table created.

TABLE DEPOSITOR

Column	Null?	Type
ACCOUNT_NUMBER	-	NUMBER
CUSTOMER_NAME	-	VARCHAR2(15)

Ques 6) Create BORROWER table based on given information.

CODE:

```
CREATE TABLE BORROWER(  
    CUSTOMER_NAME VARCHAR(15),  
    LOAN_NUMBER INTEGER,  
  
);
```

```
1 CREATE TABLE Borrower(  
2     loan_number INT,  
3     customer_name VARCHAR(15)  
4 );  
5  
6 DESC Borrower  
7  
8
```

Table created.

TABLE BORROWER

Column	Null?	Type
LOAN_NUMBER	-	NUMBER
CUSTOMER_NAME	-	VARCHAR2(15)