

EXPERIMENT-2

Problem 2.1: Create the following table as per below having table name “YOUR_REGD_NO_DETAILS” (ex:-20012345_details) to store patients information and display the schema using ‘desc’.

Solution 2.1:

```
SQL> create table details_2401020055 (
  2      name varchar(10),
  3      patient_id number(5),
  4      disease varchar(15),
  5      gender varchar(3),
  6      treatment_period varchar(10)
  7 );
```

Table created.

```
SQL> desc details_2401020055;
```

Name	Null?	Type
NAME		VARCHAR2(10)
PATIENT_ID		NUMBER(5)
DISEASE		VARCHAR2(15)
GENDER		VARCHAR2(3)
TREATMENT_PERIOD		VARCHAR2(10)

Problem 2.2: Add two columns named “Age” and “Admission_Date” using single query and display the Schema.

Solution 2.2:

```
SQL> alter table details_2401020055 add (age number(3) , admission_date date);
Table altered.
```

```
SQL> desc details_2401020055;
```

Name	Null?	Type
NAME		VARCHAR2(10)
PATIENT_ID		NUMBER(5)
DISEASE		VARCHAR2(15)
GENDER		VARCHAR2(3)
TREATMENT_PERIOD		VARCHAR2(10)
AGE		NUMBER(3)
ADMISSION_DATE		DATE

Problem 2.3 : Rename the ‘ Admission_Date’ column from the above table to ‘ Admit_date’ and display the Schema.

Solution 2.3:

```
SQL> alter table details_2401020055 rename column ADMISSION_DATE to admit_date;
Table altered.

SQL> desc details_2401020055;
Name          Null?    Type
-----        -----
NAME          VARCHAR2(10)
PATIENT_ID   NUMBER(5)
DISEASE       VARCHAR2(15)
GENDER        VARCHAR2(3)
TREATMENT_PERIOD VARCHAR2(10)
AGE           NUMBER(3)
ADMIT_DATE   DATE
```

Problem 2.4 : Delete newly added columns named “ Age” and “ Admit_date” using single query and display the Schema.

Solution 2.4:

```
SQL> alter table details_2401020055 drop(age,admit_date);
Table altered.

SQL> desc details_2401020055;
Name          Null?    Type
-----        -----
NAME          VARCHAR2(10)
PATIENT_ID   NUMBER(5)
DISEASE       VARCHAR2(15)
GENDER        VARCHAR2(3)
TREATMENT_PERIOD VARCHAR2(10)
```

Problem 2.5: Add new column Discharge_date in the above table and display it.

Solution 2.5:

```
SQL> alter table details_2401020055 add discharge_date date;
Table altered.

SQL> desc details_2401020055;
Name          Null?    Type
-----        -----
NAME          VARCHAR2(10)
PATIENT_ID   NUMBER(5)
DISEASE       VARCHAR2(15)
GENDER        VARCHAR2(3)
TREATMENT_PERIOD VARCHAR2(10)
DISCHARGE_DATE DATE
```

Problem 2.6 : Insert the following data into their respective columns and display it.

Solution 2.6 :

```
SQL> INSERT INTO DETAILS_2401020055 VALUES('RAM',101, 'COMMON_COLD','M','3 DAYS','02-OCT-1890');
1 row created.

SQL> INSERT INTO DETAILS_2401020055 VALUES('HARI',102, 'CANCER','M','56 DAYS','04-OCT-1890');
1 row created.

SQL> INSERT INTO DETAILS_2401020055 VALUES('PRIYA',103, 'CANCER','F','84 DAYS','06-OCT-1890');
1 row created.

SQL> INSERT INTO DETAILS_2401020055 VALUES('ROHIT',104, 'COVID-19','M','50 DAYS','08-OCT-1890');
1 row created.

SQL> INSERT INTO DETAILS_2401020055 VALUES('PRITI',105, 'FLU','F','5 DAYS','10-OCT-1890');
1 row created.

SQL> INSERT INTO DETAILS_2401020055 VALUES('LAXMAN',106, 'CANCER','M','56 DAYS','12-OCT-1890');
1 row created.

SQL> INSERT INTO DETAILS_2401020055 VALUES('HARI',107, 'CANCER','M','56 DAYS','14-OCT-1890');
1 row created.

SQL> INSERT INTO DETAILS_2401020055 VALUES('SITA',108, 'STOMACH_ACHE','F','10 DAYS','16-OCT-1890');
1 row created.

SQL> INSERT INTO DETAILS_2401020055 VALUES('BHARAT',119, 'COLD_FLU','M','1 DAYS','20-OCT-1890');
1 row created.

SQL> SELECT * FROM DETAILS_2401020055;
-----  
NAME      PATIENT_ID DISEASE      GEN TREATMENT_ DISCHARGE  
-----  
RAM        101 COMMON_COLD    M   3 DAYS     02-OCT-90  
HARI       102 CANCER        M   56 DAYS    04-OCT-90  
PRIYA      103 COVID-19       F   84 DAYS    06-OCT-90  
ROHIT      104 COVID-19       M   50 DAYS    08-OCT-90  
PRITI      105 FLU            F   5 DAYS     10-OCT-90  
LAXMAN     106 CANCER        M   56 DAYS    12-OCT-90  
HARI       107 CANCER        M   56 DAYS    14-OCT-90  
SITA        108 STOMACH_ACHE  F   10 DAYS   16-OCT-90  
PRIYA      109 ALLERGIES      F   2 DAYS     18-OCT-90  
BHARAT     119 COLD_FLU       M   1 DAYS     20-OCT-90  
-----  
10 rows selected.
```

Problem 2.7 : Using ‘insert’ command insert details of 3 more patients (as per your choice) with different gender and different id having Discharge_dates 22/2/2012, 12/3/1999 and 5/2/2012.

Solution 2.7 :

```
SQL> INSERT INTO DETAILS_2401020055 VALUES('PARI',110, 'ALLERGIES','F','12 DAYS','22-FEB-2012');
1 row created.

SQL> INSERT INTO DETAILS_2401020055 VALUES('SUBHAM',111, 'ALLERGIES','M','17 DAYS','05-FEB-2012');
1 row created.

SQL> INSERT INTO DETAILS_2401020055 VALUES('SUJAL',112, 'COVID-19','M','15 DAYS','12-MAR-1999');
1 row created.
```

```
SQL> SELECT * FROM DETAILS_2401020055;
```

NAME	PATIENT_ID	DISEASE	GEN	TREATMENT_	DISCHARGE
RAM	101	COMMON_COLD	M	3 DAYS	02-OCT-90
HARI	102	CANCER	M	56 DAYS	04-OCT-90
PRIYA	103	COVID-19	F	84 DAYS	06-OCT-90
ROHIT	104	COVID-19	M	50 DAYS	08-OCT-90
PRITI	105	FLU	F	5 DAYS	10-OCT-90
LAXMAN	106	CANCER	M	56 DAYS	12-OCT-90
HARI	107	CANCER	M	56 DAYS	14-OCT-90
SITA	108	STOMACH_ACHES	F	10 DAYS	16-OCT-90
PRIYA	109	ALLERGIES	F	2 DAYS	18-OCT-90
BHARAT	119	COLD_FLU	M	1 DAYS	20-OCT-90
PARI	110	ALLERGIES	F	12 DAYS	22-FEB-12
NAME	PATIENT_ID	DISEASE	GEN	TREATMENT_	DISCHARGE
SUBHAM	111	ALLERGIES	M	17 DAYS	05-FEB-12
SUJAL	112	COVID-19	M	15 DAYS	12-MAR-99

13 rows selected.

Problem 2.8: Update the details of a patient from “patient_details” table where patient_id is 104 to patient_id=44.

Solution 2.8 :

```
SQL> UPDATE DETAILS_2401020055 SET PATIENT_ID=44 WHERE PATIENT_ID=104;
```

1 row updated.

```
SQL> SELECT * FROM DETAILS_2401020055;
```

NAME	PATIENT_ID	DISEASE	GEN	TREATMENT_	DISCHARGE
RAM	101	COMMON_COLD	M	3 DAYS	02-OCT-90
HARI	102	CANCER	M	56 DAYS	04-OCT-90
PRIYA	103	COVID-19	F	84 DAYS	06-OCT-90
ROHIT	44	COVID-19	M	50 DAYS	08-OCT-90
PRITI	105	FLU	F	5 DAYS	10-OCT-90
LAXMAN	106	CANCER	M	56 DAYS	12-OCT-90
HARI	107	CANCER	M	56 DAYS	14-OCT-90
SITA	108	STOMACH_ACHES	F	10 DAYS	16-OCT-90
PRIYA	109	ALLERGIES	F	2 DAYS	18-OCT-90
BHARAT	119	COLD_FLU	M	1 DAYS	20-OCT-90
PARI	110	ALLERGIES	F	12 DAYS	22-FEB-12
NAME	PATIENT_ID	DISEASE	GEN	TREATMENT_	DISCHARGE
SUBHAM	111	ALLERGIES	M	17 DAYS	05-FEB-12
SUJAL	112	COVID-19	M	15 DAYS	12-MAR-99

13 rows selected.

Problem 2.9: From “ patient_details” table Update patient Name to Rohit which Discharge_dates is 12/3/1999.

Solution 2.9 :

```
SQL> UPDATE DETAILS_2401020055 SET NAME='ROHIT' WHERE DISCHARGE_DATE='12-MAR-99';
1 row updated.

SQL> SELECT * FROM DETAILS_2401020055;
NAME      PATIENT_ID DISEASE        GEN TREATMENT_ DISCHARGE
-----  -----  -----  -----  -----  -----
RAM          101 COMMON_COLD    M   3 DAYS    02-OCT-90
HARI         102 CANCER       M   56 DAYS   04-OCT-90
PRIYA        103 COVID-19     F   84 DAYS   06-OCT-90
ROHIT        44 COVID-19     M   50 DAYS   08-OCT-90
PRITI         105 FLU          F   5 DAYS    10-OCT-90
LAXMAN        106 CANCER       M   56 DAYS   12-OCT-90
HARI          107 CANCER       M   56 DAYS   14-OCT-90
SITA           108 STOMACH_ACHES F   10 DAYS   16-OCT-90
PRIYA         109 ALLERGIES    F   2 DAYS    18-OCT-90
BHARAT        119 COLD_FLU      M   1 DAYS    20-OCT-90
PARI          110 ALLERGIES    F   12 DAYS   22-FEB-12
NAME      PATIENT_ID DISEASE        GEN TREATMENT_ DISCHARGE
-----  -----  -----  -----  -----  -----
SUBHAM        111 ALLERGIES    M   17 DAYS   05-FEB-12
ROHIT        112 COVID-19     M   15 DAYS   12-MAR-99

13 rows selected.
```

Problem 2.10 : .Update the details of a patient from “patient_details” table where patient Name= Laxman to Laxmi and update his gender using a single query.

Solution 2.10:

```
SQL> UPDATE DETAILS_2401020055 SET NAME='LAXMI', GENDER='F' WHERE NAME='LAXMAN' ;
1 row updated.

SQL> SELECT * FROM DETAILS_2401020055;
NAME      PATIENT_ID DISEASE        GEN TREATMENT_ DISCHARGE
-----  -----  -----  -----  -----  -----
RAM          101 COMMON_COLD    M   3 DAYS    02-OCT-90
HARI         102 CANCER       M   56 DAYS   04-OCT-90
PRIYA        103 COVID-19     F   84 DAYS   06-OCT-90
ROHIT        44 COVID-19     M   50 DAYS   08-OCT-90
PRITI         105 FLU          F   5 DAYS    10-OCT-90
LAXMI        106 CANCER       F   56 DAYS   12-OCT-90
HARI          107 CANCER       M   56 DAYS   14-OCT-90
SITA           108 STOMACH_ACHES F   10 DAYS   16-OCT-90
PRIYA         109 ALLERGIES    F   2 DAYS    18-OCT-90
BHARAT        119 COLD_FLU      M   1 DAYS    20-OCT-90
PARI          110 ALLERGIES    F   12 DAYS   22-FEB-12
NAME      PATIENT_ID DISEASE        GEN TREATMENT_ DISCHARGE
-----  -----  -----  -----  -----  -----
SUBHAM        111 ALLERGIES    M   17 DAYS   05-FEB-12
ROHIT        112 COVID-19     M   15 DAYS   12-MAR-99

13 rows selected.
```

Problem 2.11: Display only the “Treatment_period” column.

Solution 2.11:

```
SQL> SELECT TREATMENT_PERIOD FROM DETAILS_2401020055;  
  
TREATMENT_  
-----  
3 DAYS  
56 DAYS  
84 DAYS  
50 DAYS  
5 DAYS  
56 DAYS  
56 DAYS  
10 DAYS  
2 DAYS  
1 DAYS  
12 DAYS  
  
TREATMENT_  
-----  
17 DAYS  
15 DAYS  
  
13 rows selected.
```

Problem 2.12: Delete details of a patient from “patient_details” table where Disease=COVID-19 and gender=F.

Solution 2.12 :

```
SQL> DELETE DETAILS_2401020055 WHERE DISEASE='COVID-19' AND GENDER='F';  
1 row deleted.  
SQL> SELECT * FROM DETAILS_2401020055;  
  
NAME      PATIENT_ID DISEASE      GEN  TREATMENT_ DISCHARGE  
-----  
RAM        101 COMMON_COLD    M    3 DAYS     02-OCT-90  
HARI       102 CANCER        M    56 DAYS    04-OCT-90  
ROHIT      44 COVID-19       M    50 DAYS    08-OCT-90  
PRITI      105 FLU           F    5 DAYS     10-OCT-90  
LAXMI      106 CANCER        F    56 DAYS    12-OCT-90  
HARI       107 CANCER        M    56 DAYS    14-OCT-90  
SITA        108 STOMACH_ACHES  F    10 DAYS   16-OCT-90  
PRIYA      109 ALLERGIES     F    2 DAYS     18-OCT-90  
BHARAT     119 COLD_FLU       M    1 DAYS     20-OCT-90  
PARI        110 ALLERGIES    F    12 DAYS   22-FEB-12  
SUBHAM     111 ALLERGIES     M    17 DAYS   05-FEB-12  
  
NAME      PATIENT_ID DISEASE      GEN  TREATMENT_ DISCHARGE  
-----  
ROHIT     112 COVID-19       M    15 DAYS   12-MAR-99  
  
12 rows selected.
```

Problem 2.13: Update the details of all patients from “patient_details” table where patient Treatment_period is 56 to 60 using single query.

Solution 2.13:

```
SQL> UPDATE DETAILS_2401020055 SET TREATMENT_PERIOD='60 DAYS' WHERE TREATMENT_PERIOD='56 DAYS';
3 rows updated.

SQL> SELECT * FROM DETAILS_2401020055;
NAME      PATIENT_ID DISEASE          GEN TREATMENT_ DISCHARGE
-----  -----  -----  -----  -----  -----
RAM        101 COMMON_COLD    M   3 DAYS   02-OCT-90
HARI       102 CANCER        M   60 DAYS  04-OCT-90
ROHIT      44 COVID-19       M   50 DAYS  08-OCT-90
PRITI      105 FLU            F   5 DAYS   10-OCT-90
LAXMI      106 CANCER        F   60 DAYS  12-OCT-90
HARI       107 CANCER        M   60 DAYS  14-OCT-90
SITA        108 STOMACH_ACHEs F   10 DAYS  16-OCT-90
PRIYA      109 ALLERGIES      F   2 DAYS   18-OCT-90
BHARAT     119 COLD_FLU        M   1 DAYS   20-OCT-90
PARI        110 ALLERGIES      F   12 DAYS  22-FEB-12
SUBHAM     111 ALLERGIES      M   17 DAYS  05-FEB-12

NAME      PATIENT_ID DISEASE          GEN TREATMENT_ DISCHARGE
-----  -----  -----  -----  -----  -----
ROHIT      112 COVID-19       M   15 DAYS  12-MAR-99

12 rows selected.
```

Problem 2.14: Write a query to insert details of a patient into table “patient_details_” table where name =Priyum and disease=COVID-19 ,Gender=M, Treatment_period=56days, patient_id= 412 and discharge in12/4/2004.

Solution 2.14:

```
SQL> INSERT INTO DETAILS_2401020055 VALUES('PRIYUM',412,'COVID-19','M','56 DAYS','12-APR-2004');
1 row created.

SQL> SELECT * FROM DETAILS_2401020055;
NAME      PATIENT_ID DISEASE          GEN TREATMENT_ DISCHARGE
-----  -----  -----  -----  -----  -----
RAM        101 COMMON_COLD    M   3 DAYS   02-OCT-90
HARI       102 CANCER        M   60 DAYS  04-OCT-90
ROHIT      44 COVID-19       M   50 DAYS  08-OCT-90
PRITI      105 FLU            F   5 DAYS   10-OCT-90
LAXMI      106 CANCER        F   60 DAYS  12-OCT-90
HARI       107 CANCER        M   60 DAYS  14-OCT-90
SITA        108 STOMACH_ACHEs F   10 DAYS  16-OCT-90
PRIYA      109 ALLERGIES      F   2 DAYS   18-OCT-90
BHARAT     119 COLD_FLU        M   1 DAYS   20-OCT-90
PARI        110 ALLERGIES      F   12 DAYS  22-FEB-12
SUBHAM     111 ALLERGIES      M   17 DAYS  05-FEB-12

NAME      PATIENT_ID DISEASE          GEN TREATMENT_ DISCHARGE
-----  -----  -----  -----  -----  -----
ROHIT      112 COVID-19       M   15 DAYS  12-MAR-99
PRIYUM     412 COVID-19       M   56 DAYS  12-APR-04

13 rows selected.
```

Problem 2.15: Update the details of a patient from “patient_details” table change the patient name to Riya which has Stomach_Aches .

Solution 2.15:

```
SQL> UPDATE DETAILS_2401020055 SET NAME='RIYA' WHERE DISEASE='STOMACH_ACHE';  
1 row updated.  
SQL> SELECT * FROM DETAILS_2401020055;  


| NAME   | PATIENT_ID | DISEASE      | GEN | TREATMENT_ | DISCHARGE |
|--------|------------|--------------|-----|------------|-----------|
| RAM    | 101        | COMMON_COLD  | M   | 3 DAYS     | 02-OCT-90 |
| HARI   | 102        | CANCER       | M   | 60 DAYS    | 04-OCT-90 |
| ROHIT  | 44         | COVID-19     | M   | 50 DAYS    | 08-OCT-90 |
| PRITI  | 105        | FLU          | F   | 5 DAYS     | 10-OCT-90 |
| LAXMI  | 106        | CANCER       | F   | 60 DAYS    | 12-OCT-90 |
| HARI   | 107        | CANCER       | M   | 60 DAYS    | 14-OCT-90 |
| RIYA   | 108        | STOMACH_ACHE | F   | 10 DAYS    | 16-OCT-90 |
| PRIYA  | 109        | ALLERGIES    | F   | 2 DAYS     | 18-OCT-90 |
| BHARAT | 119        | COLD_FLU     | M   | 1 DAYS     | 20-OCT-90 |
| PARI   | 110        | ALLERGIES    | F   | 12 DAYS    | 22-FEB-12 |
| SUBHAM | 111        | ALLERGIES    | M   | 17 DAYS    | 05-FEB-12 |
| NAME   | PATIENT_ID | DISEASE      | GEN | TREATMENT_ | DISCHARGE |
| ROHIT  | 112        | COVID-19     | M   | 15 DAYS    | 12-MAR-99 |
| PRIYUM | 412        | COVID-19     | M   | 56 DAYS    | 12-APR-04 |



13 rows selected.


```

Problem 2.16: In the above table add address column.

Solution 2.16:

```
SQL> ALTER TABLE DETAILS_2401020055 ADD ADDRESS VARCHAR(30);  
Table altered.
```

```
SQL> DESC DETAILS_2401020055;  
Name Null? Type  
-----  
NAME          VARCHAR2(10)  
PATIENT_ID    NUMBER(5)  
DISEASE        VARCHAR2(15)  
GENDER         VARCHAR2(3)  
TREATMENT_PERIOD VARCHAR2(10)  
DISCHARGE_DATE DATE  
ADDRESS        VARCHAR2(30)
```

Problem 2.17: Using single query insert all the patient belonging from DELHI.

Solution 2.17:

SQL> UPDATE DETAILS_2401020055 SET ADDRESS='DELHI';

13 rows updated.

NAME PATIENT_ID DISEASE GEN TREATMENT_DISCHARGE

ADDRESS

RAM 101 COMMON COLD M 3 DAYS 02-OCT-90

DEHLI

HARI 102 CANCER M 60 DAYS 04-OCT-90

DEHLI

ROHIT 44 COVID-19 M 50 DAYS 08-OCT-90

DEHLI

NAME PATIENT_ID DISEASE GEN TREATMENT_DISCHARGE

ADDRESS

PRITI 105 FLU F 5 DAYS 10-OCT-90

DEHLI

LAXMI 106 CANCER F 60 DAYS 12-OCT-90

DEHLI

HARI 107 CANCER M 60 DAYS 14-OCT-90

DEHLI

NAME PATIENT ID DISEASE GEN TREATMENT DISCHARGE

ADDRESS

RIYA 108 STOMACH ACHES F 10 DAYS 16-OCT-90

DEHLI

PRIYA 109 ALLERGIES F 2 DAYS 18-OCT-90

DEHLI

BHARAT 119 COLD FLU M 1 DAYS 20-OCT-90

DEHLI

NAME PATIENT ID DISEASE GEN TREATMENT DISCHARGE

ADDRESS

PARI 110 ALLERGIES F 12 DAYS 22-FEB-12

DEHLI

SUBHAM 111 ALLERGIES M 17 DAYS 05-FEB-12

DEHLI

ROHIT 112 COVID-19 M 15 DAYS 12-MAR-99

DEHLI

NAME PATIENT ID DISEASE GEN TREATMENT DISCHARGE

ADDRESS

PRIYUM 412 COVID-19 M 56 DAYS 12-APR-04

DEHLI

Problem 2.18: Delete from “ patient_details” where patient_id=109 .

Solution 2.18:

SQL> DELETE FROM DETAILS_2401020055 WHERE PATIENT_ID=109;

1 row deleted.

SQL> SELECT * FROM DETAILS_2401020055;

NAME PATIENT_ID DISEASE GEN TREATMENT DISCHARGE

ADDRESS

RAM 101 COMMON COLD M 3 DAYS 02-OCT-90

DEHLI

HARI 102 CANCER M 60 DAYS 04-OCT-90

DEHLI

ROHIT 44 COVID-19 M 50 DAYS 08-OCT-90

DEHLI

NAME PATIENT_ID DISEASE GEN TREATMENT DISCHARGE

ADDRESS

PRITI 105 FLU F 5 DAYS 10-OCT-90

DEHLI

LAXMI 106 CANCER F 60 DAYS 12-OCT-90

DEHLI

HARI 107 CANCER M 60 DAYS 14-OCT-90

DEHLI

NAME PATIENT_ID DISEASE GEN TREATMENT DISCHARGE

ADDRESS

RIYA 108 STOMACH ACHES F 10 DAYS 16-OCT-90

DEHLI

BHARAT 119 COLD FLU M 1 DAYS 20-OCT-90

DEHLI

PARI 110 ALLERGIES F 12 DAYS 22-FEB-12

DEHLI

NAME PATIENT ID DISEASE GEN TREATMENT DISCHARGE

ADDRESS

SUBHAM 111 ALLERGIES M 17 DAYS 05-FEB-12

DEHLI

ROHIT 112 COVID-19 M 15 DAYS 12-MAR-99

DEHLI

PRIYUM 412 COVID-19 M 56 DAYS 12-APR-04

DEHLI

12 rows selected.

Problem 2.19: Delete from “ patient_details” where disease=flu.

Solution 2.19:

```
SQL> DELETE DETAILS_2401020055 WHERE DISEASE='FLU';
```

1 row deleted.

```
SQL> SELECT * FROM DETAILS_2401020055;
```

NAME	PATIENT_ID	DISEASE	GEN	TREATMENT	DISCHARGE
RAM	101	COMMON_COLD	M	3 DAYS	02-OCT-90
HARI	102	CANCER	M	60 DAYS	04-OCT-90
ROHIT	44	COVID-19	M	50 DAYS	08-OCT-90
LAXMI	106	CANCER	F	60 DAYS	12-OCT-90
HARI	107	CANCER	M	60 DAYS	14-OCT-90
RIYA	108	STOMACH_ACHE	F	10 DAYS	16-OCT-90

DEHLI

DEHLI

DEHLI.

NAME	PATIENT_ID	DISEASE	GEN	TREATMENT	DISCHARGE
LAXMI	106	CANCER	F	60 DAYS	12-OCT-90
HARI	107	CANCER	M	60 DAYS	14-OCT-90
RIYA	108	STOMACH_ACHE	F	10 DAYS	16-OCT-90

DEHLI

DEHLI

DEHLI.

NAME PATIENT_ID DISEASE GEN TREATMENT_ DISCHARGE

ADDRESS

BHARAT 119 COLD_FLU M 1 DAYS 20-OCT-90

DEHLI

PARI 110 ALLERGIES F 12 DAYS 22-FEB-12

DEHLI

SUBHAM 111 ALLERGIES M 17 DAYS 05-FEB-12

DEHLI

NAME PATIENT_ID DISEASE GEN TREATMENT_ DISCHARGE

ADDRESS

ROHIT 112 COVID-19 M 15 DAYS 12-MAR-99

DEHLI

PRIYUM 412 COVID-19 M 56 DAYS 12-APR-04

DEHLI

11 rows selected.

Problem 2.20: Delete from “ patient_details” where disease=covid-19 and treatment_period=50days .

Solution 2.20:

```
SQL> DELETE DETAILS_2401020055 WHERE DISEASE='COVID-19' AND TREATMENT_PERIOD='50 DAYS';
```

1 row deleted.

```
SQL> SELECT * FROM DETAILS_2401020055;
```

NAME	PATIENT_ID	DISEASE	GEN	TREATMENT_	DISCHARGE
RAM	101	COMMON_COLD	M	3 DAYS	02-OCT-90
HARI	102	CANCER	M	60 DAYS	04-OCT-90
LAXMI	106	CANCER	F	60 DAYS	12-OCT-90
RIYA	108	STOMACH_ACHEs	F	10 DAYS	16-OCT-90
BHARAT	119	COLD_FLU	M	1 DAYS	20-OCT-90

ADDRESS

DEHLI

HARI 102 CANCER M 60 DAYS 04-OCT-90

DEHLI

LAXMI 106 CANCER F 60 DAYS 12-OCT-90

DEHLI

NAME	PATIENT_ID	DISEASE	GEN	TREATMENT_	DISCHARGE
HARI	107	CANCER	M	60 DAYS	14-OCT-90
RIYA	108	STOMACH_ACHEs	F	10 DAYS	16-OCT-90
BHARAT	119	COLD_FLU	M	1 DAYS	20-OCT-90

ADDRESS

DEHLI

RIYA 108 STOMACH_ACHEs F 10 DAYS 16-OCT-90

DEHLI

BHARAT 119 COLD_FLU M 1 DAYS 20-OCT-90

DEHLI

NAME PATIENT_ID DISEASE GEN TREATMENT_ DISCHARGE

ADDRESS

PARI 110 ALLERGIES F 12 DAYS 22-FEB-12

DEHLI

SUBHAM 111 ALLERGIES M 17 DAYS 05-FEB-12

DEHLI

ROHIT 112 COVID-19 M 15 DAYS 12-MAR-99

DEHLI

NAME PATIENT_ID DISEASE GEN TREATMENT_ DISCHARGE

ADDRESS

PRIYUM 412 COVID-19 M 56 DAYS 12-APR-04

DEHLI

10 rows selected.

Problem 2.21: Delete from “ patient_details” where name=Priyam and treatment_period=56days

Solution 2.21:

SQL> DELETE DETAILS 2401020055 WHERE NAME='PRIYUM' AND TREATMENT_PERIOD='2 DAYS';

0 rows deleted.

SQL> SELECT * FROM DETAILS 2401020055;

NAME PATIENT_ID DISEASE GEN TREATMENT_DISCHARGE

ADDRESS

RAM 101 COMMON COLD M 3 DAYS 02-OCT-90

DEHLI

HARI 102 CANCER M 60 DAYS 04-OCT-90

DEHLI

LAXMI 106 CANCER F 60 DAYS 12-OCT-90

DEHLI

NAME PATIENT_ID DISEASE GEN TREATMENT_DISCHARGE

ADDRESS

HARI 107 CANCER M 60 DAYS 14-OCT-90

DEHLI

RIYA 108 STOMACH ACHES F 10 DAYS 16-OCT-90

DEHLI

BHARAT 119 COLD FLU M 1 DAYS 20-OCT-90

DEHLI

NAME PATIENT_ID DISEASE GEN_TREATMENT DISCHARGE

ADDRESS

PARI 110 ALLERGIES F 12 DAYS 22-FEB-12

DEHLI

SUBHAM 111 ALLERGIES M 17 DAYS 05-FEB-12

DEHLI

ROHIT 112 COVID-19 M 15 DAYS 12-MAR-99

DEHLI

NAME PATIENT_ID DISEASE GEN_TREATMENT DISCHARGE

ADDRESS

PRIYUM 412 COVID-19 M 56 DAYS 12-APR-04

DEHLI

10 rows selected.

Problem 2.22: Delete from “ patient_details” where gender=M and patient_id=107.

Solution 2.22:

```
SQL> DELETE DETAILS_2401020055 WHERE GENDER='M' AND PATIENT_ID=107;
```

1 row deleted.

```
SQL> SELECT * FROM DETAILS_2401020055;
```

NAME	PATIENT_ID	DISEASE	GEN	TREATMENT	DISCHARGE
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ADDRESS

RAM 101 COMMON_COLD M 3 DAYS 02-OCT-90

DEHLI

HARI 102 CANCER M 60 DAYS 04-OCT-90

DEHLI

LAXMI 106 CANCER F 60 DAYS 12-OCT-90

DEHLI

NAME	PATIENT_ID	DISEASE	GEN	TREATMENT	DISCHARGE
------	------------	---------	-----	-----------	-----------

ADDRESS

RIYA 108 STOMACH_ACHEES F 10 DAYS 16-OCT-90

DEHLI

BHARAT 119 COLD_FLU M 1 DAYS 20-OCT-90

DEHLI

PARI 110 ALLERGIES F 12 DAYS 22-FEB-12

DEHLI

NAME PATIENT_ID DISEASE GEN TREATMENT_ DISCHARGE

ADDRESS

SUBHAM 111 ALLERGIES M 17 DAYS 05-FEB-12

DEHLI

ROHIT 112 COVID-19 M 15 DAYS 12-MAR-99

DEHLI

PRIYUM 412 COVID-19 M 56 DAYS 12-APR-04

DEHLI

9 rows selected.

Problem 2.23: Update remaining Patient_id by adding the numbers with 100.Ex:-101 becomes 201.

Solution 2.23:

SQL> UPDATE DETAILS 2401020055 SET PATIENT_ID=PATIENT_ID+100;

9 rows updated.

SQL> SELECT * FROM DETAILS 2401020055;

NAME PATIENT_ID DISEASE GEN TREATMENT DISCHARGE

ADDRESS

RAM 201 COMMON COLD M 3 DAYS 02-OCT-90

DEHLI

HARI 202 CANCER M 60 DAYS 04-OCT-90

DEHLI

LAXMI 206 CANCER F 60 DAYS 12-OCT-90

DEHLI

NAME PATIENT_ID DISEASE GEN TREATMENT DISCHARGE

ADDRESS

RIYA 208 STOMACH ACHES F 10 DAYS 16-OCT-90

DEHLI

BHARAT 219 COLD FLU M 1 DAYS 20-OCT-90

DEHLI

PARI 210 ALLERGIES F 12 DAYS 22-FEB-12

DEHLI

NAME PATIENT ID DISEASE GEN TREATMENT DISCHARGE

ADDRESS

SUBHAM 211 ALLERGIES M 17 DAYS 05-FEB-12

DEHLI

ROHIT 212 COVID-19 M 15 DAYS 12-MAR-99

DEHLI

PRIYUM 512 COVID-19 M 56 DAYS 12-APR-04

DEHLI

9 rows selected.

Problem 2.24: Now Delete all the remaining details from “ patient_details” using single query.

Solution 2.24 :

```
SQL> TRUNCATE TABLE DETAILS_2401020055;
```

Table truncated.

```
SQL> SELECT * FROM DETAILS_2401020055;
```

no rows selected

SUBMITTED BY

NAME:- ARJUN OJHA

REGD_NO:- 2401020055

SEM&BRANCH:- 3RDSEM, CSE

GROUP:- 1