

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_ACHES','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_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

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, Treatement_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_ACHES';
```

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_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 2.16: 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
------	------------	---------	-----	------------	-----------

ADDRESS

RAM	101	COMMON_COLD	M	3 DAYS	02-OCT-90
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DEHLI

HARI	102	CANCER	M	60 DAYS	04-OCT-90
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DEHLI

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

NAME	PATIENT_ID	DISEASE	GEN	TREATMENT_	DISCHARGE
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ADDRESS

LAXMI	106	CANCER	F	60 DAYS	12-OCT-90
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DEHLI

HARI	107	CANCER	M	60 DAYS	14-OCT-90
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DEHLI

RIYA	108	STOMACH_ACHES	F	10 DAYS	16-OCT-90
------	-----	---------------	---	---------	-----------

DEHLI

NAME	PATIENT_ID	DISEASE	GEN	TREATMENT_	DISCHARGE
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ADDRESS

BHARAT	119	COLD_FLU	M	1 DAYS	20-OCT-90
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DEHLI

PARI	110	ALLERGIES	F	12 DAYS	22-FEB-12
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DEHLI

SUBHAM	111	ALLERGIES	M	17 DAYS	05-FEB-12
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DEHLI

NAME	PATIENT_ID	DISEASE	GEN	TREATMENT_	DISCHARGE
------	------------	---------	-----	------------	-----------

ADDRESS

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

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

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
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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
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DEHLI

BHARAT	119	COLD_FLU	M	1 DAYS	20-OCT-90
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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
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DEHLI

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

ADDRESS

RAM	101	COMMON_COLD	M	3 DAYS	02-OCT-90
-----	-----	-------------	---	--------	-----------

DEHLI

HARI	102	CANCER	M	60 DAYS	04-OCT-90
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DEHLI

LAXMI	106	CANCER	F	60 DAYS	12-OCT-90
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DEHLI

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

ADDRESS

RIYA	108	STOMACH_ACHES	F	10 DAYS	16-OCT-90
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DEHLI

BHARAT	119	COLD_FLU	M	1 DAYS	20-OCT-90
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DEHLI

PARI	110	ALLERGIES	F	12 DAYS	22-FEB-12
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DEHLI

NAME	PATIENT_ID	DISEASE	GEN	TREATMENT_	DISCHARGE
------	------------	---------	-----	------------	-----------

ADDRESS

SUBHAM	111	ALLERGIES	M	17 DAYS	05-FEB-12
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DEHLI

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

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

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

ADDRESS

RIYA	208	STOMACH_ACHES	F	10 DAYS	16-OCT-90
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DEHLI

BHARAT	219	COLD_FLU	M	1 DAYS	20-OCT-90
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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