**CO1 Exp-1**

create table student\_sreelakshmis(rollno integer primary key,name varchar(20),dob date, dept varchar(5),marks float);

A) SQL> insert into student\_ sreelakshmis values(1,'Amitha','18-jun-1998','CS',480);

1 row created.

SQL> insert into student\_ sreelakshmis values(2,'Arya','12-jul-1989','IT',500);

1 row created.

SQL> insert into student\_ sreelakshmis values(3,'George',’19-jan-1989','CS',489);

1 row created.

SQL> insert into stud student\_ sreelakshmis values(4,'Gourikripa','27-nov-1989','CS',495);

1 row created.

SQL> insert into student\_ sreelakshmis values(5,'Henin','12-dec-1988','IT',525);

1 row created.

SQL> insert into student\_ sreelakshmis values(6,'Ishana','25-dec-1988','CS',500);

1 row created.

SQL> insert into student\_ sreelakshmis values(7,'Pranav','27-nov-1989','CS',510);

1 row created.

SQL> select \* from student\_ sreelakshmis;

ROLLNO NAME DOB DEPT MARKS

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1 Amitha 18-JUN-98 CS 480

2 Arya 12-JUL-89 IT 500

3 George 19-JAN-89 CS 489

4 Gourikripa 27-NOV-89 CS 495

5 Henin 12-DEC-88 IT 525

6 Ishana 25-DEC- 88 CS 500

7 Pranav 27-NOV-89 CS 510

7 rows selected.

B) SQL> alter table student\_ sreelakshmis add(address varchar(10));

Table altered.

SQL> alter table student\_ sreelakshmis modify(name varchar(20));

Table altered.

C) SQL> select \* student\_ sreelakshmis;

ROLLNO NAME DOB DEPT MARKS ADDRESS

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1 Amitha 18-JUN-98 CS 480

2 Arya 12-JUL-89 IT 500

3 George 19-JAN-89 CS 489

4 Gourikripa 27-NOV-89 CS 495

5 Henin 12-DEC-88 IT 525

6 Ishana 25-DEC- 88 CS 500

7 Pranav 27-NOV-89 CS 510

7 rows selected.

SQL> desc student\_ sreelakshmis;

Name Null? Type

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ROLLNO NOT NULL NUMBER(38)

NAME VARCHAR2(20)

DOB DATE

DEPT VARCHAR2(5)

MARKS FLOAT(126)

ADDRESS VARCHAR2(10)

D) SQL> alter table student\_ sreelakshmis modify(address varchar(30));

Table altered.

SQL> alter table student\_ sreelakshmis modify(address varchar(30));

Table altered.

SQL> update student\_ sreelakshmis set address='Peruva' where rollno=1;

1 row updated.

SQL> update student\_ sreelakshmis set address='Piravom' where rollno=2;

1 row updated.

SQL> update student\_ sreelakshmis set address='Pala' where rollno=3;

1 row updated.

SQL> update student\_ sreelakshmis set address='Kottayam' where rollno=7;

1 row updated.

SQL> set linesize 120

SQL> select \* from student\_ sreelakshmis;

ROLLNO NAME DOB DEPT MARKS ADDRESS

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1 Amitha 18-JUN-98 CS 480 Peruva

2 Arya 12-JUL-89 IT 500 Piravom

3 George 19-JAN-89 CS 489 Pala

4 Gourikripa 28-NOV-89 CS 495

5 Henin 12-DEC-88 IT 525

6 Ishana 25-DEC- 88 CS 500

7 Pranav 27-NOV-89 CS 510 Kottayam

E) SQL>select name,dob from student\_sreelakshmis where months\_between(sysdate,dob)/12<22;

no rows selected.

F) SQL> select \* from student\_ sreelakshmis order by marks;

ROLLNO NAME DOB DEPT MARKS ADDRESS

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1 Amitha 18-JUN-98 CS 480 Peruva

3 George 19-JAN-89 CS 489 Pala

4 Gourikripa 28-NOV-89 CS 495

6 Ishana 25-DEC- 88 CS 500

2 Arya 12-JUL-89 IT 500 Piravom

7 Pranav 27-NOV-89 CS 510 Kottayam

5 Henin 12-DEC-88 IT 525

7 rows selected.

G) SQL> select name from student\_ sreelakshmis where dept= 'CS' and marks>500;

NAME

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Pranav

H) SQL> select name from student\_sreelakshmis where marks>(select avg(marks)from student\_sreelakshmis);

NAME

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Arya

Henin

Ishana

Pranav

I) drop table student\_sreelakshmis;

Table dropped.