

### 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
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
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;
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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
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
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

-----

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.