

# **ADBMS LAB**

## **CO1- Prgms**

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

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

1 row created.

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

1 row created.

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

1 row created.

**SQL> insert into student\_sanchana values(4,'Gouuripriya','28-nov-1989','CS',495);**

1 row created.

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

1 row created.

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

1 row created.

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

1 row created.

**SQL> select \* from student\_sanchana;**

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	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

7 rows selected.

**B) SQL> alter table student\_sanchana add(address varchar(10));**

Table altered.

**SQL> alter table student\_sanchana modify(name varchar(20));**

Table altered.

**C) SQL> select \* student\_sanchana;**

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	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	

7 rows selected.

**SQL> desc student\_sanchana;**

Name	Null?	Type
ROLLNO	NOT NULL	NUMBER(38)
NAME		VARCHAR2(20)
DOB		DATE
DEPT		VARCHAR2(5)
MARKS		FLOAT(126)
ADDRESS		VARCHAR2(10)

**D) SQL> alter table student\_sanchana modify(address varchar(30));**

Table altered.

**SQL> alter table student\_sanchana modify(address varchar(30));**

Table altered.

**SQL> update student\_sanchana set address='NO:5,Gandhinagar' where rollno=1;**

1 row updated.

**SQL> update student\_sanchana set address='Flat No:5A,Skyline Aluva' where rollno=2;**

1 row updated.

**SQL> update student\_sanchana set address='Apple Heights,Padivattom' where rollno=3;**

1 row updated.

**SQL> update student\_sanchana set address='Green Valley,Cochin' where rollno=7;**

1 row updated.

**SQL> set linesize 120**

**SQL> select \* from student\_sanchana;**

ROLLNO	NAME	DOB	DEPT	MARKS	ADDRESS
1	Amitha	18-JUN-98	CS	480	NO:5,Gandhinagar
2	Arya	12-JUL-89	IT	500	Flat No:5A,Skyline Aluva
3	George	19-JAN-89	CS	489	Apple Heights,Padivattom
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	Green Valley,Cochin

**E) SQL> select name,dob from student\_sanchana where months\_between(sysdate,dob)/12<22; G) SQL> select name from student\_sanchana where dept= 'CS' and marks>500;**

no rows selected.

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

ROLLNO	NAME	DOB	DEPT	MARKS	ADDRESS
1	Amitha	18-JUN-98	CS	480	NO:5,Gandhinagar
3	George	19-JAN-89	CS	489	Apple Heights,Padivattom
4	Gourikripa	28-NOV-89	CS	495	
6	Ishana	25-DEC- 88	CS	500	
2	Arya	12-JUL-89	IT	500	Flat No:5A,Skyline Aluva
7	Pranav	27-NOV-89	CS	510	Green Valley,Cochin
5	Henin	12-DEC-88	IT	525	

7 rows selected

**G) select name from student\_sanchana where dept='CS' and marks>500;**

NAME

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Pravav

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

NAME

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Arya

Ishana

Pranav

**I) drop table student\_sanchana;**

Table dropped