

EXPERIMENT – 6

DML COMMANDS (COLLEGE SCHEMA)

AIM:

- Insert 5 instances into the table created in experiment 6.
- Display the tables.
- Add attributes course to student table then insert values.
- Use update to set course for students
- Delete an attribute.

Instance: It is the collection of information stored in a database at a particular moment.

Entity: Object that is relevant to given system. Represented as rectangle.

Attribute: Trait of an entity, relationship or other attribute. Represented by oval.

Primary Key: A **primary key** is a column or a set of columns in a table whose values uniquely identify a row in the table

Schema :

```
• alter table student modify stdname varchar(50);
• insert into student values (1,'latha','F','DBMS',95,'o','Hyderabad');
• insert into student values (2,'Ramun','M','DBMS',85,'A+','Vizag');
• insert into student values (3,'laxmi','F','DBMS',50,'o','Hyderabad');
• insert into student values (4,'laya','F','DBMS',95,'o','Vizag');
• insert into student values (5,'Varun','M','DBMS',93,'o','Varanasi');
• select * from student;
```

	std_id	std_name	gender	subject	marks	grade	address
▶	1	Varun	M	Maths	95	O	Hyderabad
	2	Ramu	M	DBMS	85	A+	Vizag
	3	laxmi	F	DBMS	90	o	Hyderabad
	4	laya	F	DBMS	95	o	Vizag
	5	Varun	M	DBMS	93	o	Varanasi
•	NULL	NULL	NULL	NULL	NULL	NULL	NULL

```
insert into faculty values (1,'latha','DBMS','80','Hyderabad');
insert into faculty values (2,'Ramun','DS','90','Vizag');
insert into faculty values (3,'laxmi','DS','85','Hyderabad');
insert into faculty values (4,'laya','DBMS','92','Vizag');
insert into faculty values (5,'Varun','OS','90','Varnasi');
select *from faculty;
```

fac_id	fac_name	course	pass_percentage
1	latha	DBMS	80
2	Ramu	DS	90
3	laxmi	DS	85
4	laya	DBMS	92
5	Varun	OS	90

```

insert into department values (1,'CSE','A',70,'80',60);
insert into department values (2,'IT','A',70,'75',55);
insert into department values (3,'ECE','A',65,'70',58);
insert into department values (4,'EEE','A',60,'76',50);
select *from department;
update department

```

dept_no	dept_name	section	no_of_students	pass_percentage	no_of_stu_wise
1	CSE	A	70	80	60
2	IT	A	70	75	55
3	ECE	A	65	70	58
4	EEE	A	60	76	50

```

insert into activity values (1,'wise',300,'college','chandra');
insert into activity values (2,'football',30,'sports','lakshmi');
insert into activity values (3,'Event',50,'hakothon','raju');
insert into activity values (4,'Chess',300,'sports','varun');
insert into activity values (5,'sleep',300,'leave','latha');
select *from activity;
update activity
set act_name = 'sleep' where act_id < 6 and act_id > 4;

```

result Grid				
Filter Rows:				
Edit:				
Export/Import:				
act_id	act_name	no_of_students_opted	category_of_act	faculty
1	wise	300	college	Chandra
2	football	30	sports	lakshmi
3	Event	50	hakothon	raju
4	Chess	300	sports	varun
5	sleep	300	leave	latha
NULL	NULL	NULL	NULL	NULL

• delete from department where dept_no = 3;

dept_no	dept_name	section	no_of_students	pass_percentage	no_of_stu_wise
1	CSE	B	70	80	60
2	IT	B	70	75	55
4	EEE	A	60	76	50
NULL	NULL	NULL	NULL	NULL	NULL

