# Queries Regarding INSERT, UPDATE, DELETE, RETRIEVE On STUDENT TABLE

**Insert data into student table:**

declare

PROCEDURE insertstudent( rollno varchar,dob date ,fname varchar,lname varchar,branch varchar,room varchar,city varchar,state varchar,mobile varchar) AS

BEGIN

insert into student values(rollno,dob,fname,lname,branch,room,city,state,mobile);

dbms\_output.put\_line('RECORD INSERTED SUCCESSFULLY!!');

END;

begin

insertstudent(:Enter\_Roll\_No,:Enter\_Your\_Dob,:Father\_Name,:Mother\_Name,:Enter\_Branch,:Enter\_Room\_No,:Enter\_City,:Enter\_State,:Enter\_MobileNo);

END;

**Update data into student table:**

declare

PROCEDURE updatestudent( rollno varchar,dob1 date ,fname1 varchar,lname1 varchar,branch1 varchar, room varchar,city1 varchar,state1 varchar) AS

BEGIN

update student set dob=dob1,fname=fname1,lname=lname1,branch=branch1,room\_no=room, city=city1,state=state1 where roll=rollno ;

if sql%found then

dbms\_output.put\_line('successfully updated!');

else

dbms\_output.put\_line('Not updated Successfully! Please reenter your values..');

end if;

END;

Begin

updatestudent(:Enter\_Roll\_No,:Enter\_Your\_Dob,:Father\_Name,:Mother\_Name,:Enter\_Branch,:Enter\_Room\_No,:Enter\_City,:Enter\_State);

END;

**Delete a record :**

declare

PROCEDURE deletestudent( rollno varchar) AS

BEGIN

delete from student where roll=rollno;

if sql%found

then

dbms\_output.put\_line('One Row deleted!');

else

dbms\_output.put\_line('No row deleted..Please check your values...');

end if;

END;

begin

deletestudent(:Enter\_Roll\_No);

END;

**Retrieve data from the student table:**

declare

procedure retrieve(rollno varchar) is

cursor c1 is select \* from student where roll= rollno;

rec c1%rowtype;

begin

open c1;

loop

fetch c1 into rec;

exit when c1%notfound;

dbms\_output.put\_line('Roll No is '||rec.roll);

dbms\_output.put\_line('Date of Birth is '||rec.dob);

dbms\_output.put\_line('Father name is '||rec.fname);

dbms\_output.put\_line('Mother name is '||rec.lname);

dbms\_output.put\_line('branch is '||rec.branch);

dbms\_output.put\_line('Room No is '||rec.room\_no);

dbms\_output.put\_line('Your City is '||rec.city);

dbms\_output.put\_line('Your State is '||rec.state);

dbms\_output.put\_line('Contact No is '||rec.mobile);

end loop;

close c1;

end;

begin

retrieve(:Enter\_roll\_no);

end