# Queries Regarding the INSERT, UPDATE, DELETE, RETRIEVAL on Mess ID Table

**Insert into messid:**

declare

parent\_key EXCEPTION;

PRAGMA EXCEPTION\_INIT(Parent\_key,-02291);

PROCEDURE insertmid( mid1 varchar,year1 varchar) AS

BEGIN

insert into messid values(mid1,year1);

EXCEPTION

when Parent\_key then

DBMS\_OUTPUT.PUT\_LINE('Entered Roll No is not found here!!');

END;

begin

insertmid(:Enter\_Mess\_ID,:Enter\_Year);

END;

**Updation Of Data:**

declare

PROCEDURE updatemid( mid1 varchar,year1 varchar) AS

BEGIN

update messid set year=year1 where mid=mid1;

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

updatemid(:Enter\_Mess\_ID,:Enter\_Year);

END;

**Deletion Of Data:**

declare

PROCEDURE deletemid( mid1 varchar) AS

BEGIN

delete from messid where mid=mid1;

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

deletemid(:Enter\_Mess\_ID);

END;

**Retrieve Data:**

declare

procedure retrieveyear(id varchar) is

cursor c1 is select \* from messid where mid= id;

rec c1%rowtype;

begin

open c1;

loop

fetch c1 into rec;

exit when c1%notfound;

dbms\_output.put\_line('-------------------------------');

dbms\_output.put\_line('Corresponding Mess ID is '||rec.mid);

dbms\_output.put\_line('Year as a Mess Member is '||rec.year);

dbms\_output.put\_line('-------------------------------');

end loop;

close c1;

end;

begin

retrieveyear(:Enter\_id);

end