* When you have to store some part alag se, use the fetch thing
* To use any function, us a for loop like for x in cursor and then use it as x.name etc
* When u want ot update or delete, use the for loop only but just use where current of
* When u have to do it for multiple things use a parameterized custroctur and use a normal for loop and the second way

Q1. declare

cursor c is select \* from instructor;

temp instructor%rowtype;

begin

open c;

loop fetch c into temp;

insert into salary\_raise values(temp.id,sysdate,temp.salary \* 0.05);

exit when c % notfound;

end loop;

close c;

update instructor set salary = 1.5 \* salary;

end;

/

Q2. --Write a PL/SQL block that will display the ID, name, dept\_name  and tot\_cred  of

--the first 10 students with lowest total credit.

declare

cursor c is select \* from student

order by tot\_cred asc;

stud student%rowtype;

begin

    open c;

    loop

        fetch c into stud;

        dbms\_output.put\_line(stud.id || ' ' || stud.dept\_name || ' ' || stud.tot\_cred);

        exit when c%rowcount=10;

    end loop;

    close c;

end;

Q3. Print the Course details and the total number of students registered for each course along with the course details - (Course-id, title, dept-name, credits, instructor\_name, building, room-number, time-slot-id, tot\_student\_no )

declare

cursor c2 is select c.course\_id, cnt, c.title, c.dept\_name,

c.credits, i.name, s.building, s.room\_number,

s.time\_slot\_id from course c join teaches tc on c.course\_id=tc.COURSE\_ID

join instructor i on tc.id = i.id join section s on

c.course\_id = s.course\_id join (select course\_id, count(id) as cnt from takes

group by course\_id) x on c.course\_id = x.course\_id ;

BEGIN

     for det in c2 loop

    dbms\_output.put\_line(det.course\_id || ' ' ||  det.title || ' ' || det.cnt || ' ' || det.dept\_name ||' ' || det.credits||' ' || det.name||' ' || det.building||' ' || det.room\_number||' ' || det.time\_slot\_id );

    end loop;

    end;

Q4. declare

cursor c1 is select \* from student for update;

begin

    for temp in c1

    loop

        update student set tot\_cred = tot\_cred +1 where current of c1;

    end loop;

    end;

Q6. declare

cursor c1(d instructor.dept\_name%type) is

select \* from instructor

where dept\_name = d;

dept instructor.dept\_name%type;

begin

    dept := '&dd';

    for temp in c1(dept)

    loop

        dbms\_output.put\_line(temp.name);

    end loop;

    end;