Programs on implicit cursors attributes

```
begin
update emp1 set sal=&sal  from emp where deptno=&deptno;
if SQL%FOUND then
dbms_output.put_line(' emp Successfully updated  ');
end if;
if SQL%NOTFOUND then
dbms_output.put_line(' emp not Successfully updated ');
end if;
end;
```

```
declare
rows char(4);
begin
update emp1 set sal=&sal where deptno=&deptno;
rows:=to_char(SQL%ROWCOUNT);
dbms_output.put_line(rows);
end;
```

Program to display the list of Employees and Total Salary Department wise.

INPUT:

```
declare
cursor c1 is select * from dept;
cursor c2 is select * from emp;
s emp.sal%type;


begin
for i in c1
loop
s:=0;
dbms_output.put_line('-----------------------------------------------');
dbms_output.put_line('Department is :' || i.deptno ||' Department name is:' ||
i.dname);
dbms_output.put_line('------------------------------------------');
for j in c2
loop
if ( i.deptno=j.deptno) then
s:=s+j.sal;
dbms_output.put_line(j.empno|| ''|| j.ename || ''|| j.sal );
```

```
end if;
end loop;
dbms_output.put_line('------------------------------------------------');
dbms_output.put_line('Total salary is:   '|| s);
dbms_output.put_line('------------------------------------------------');
end loop;
end;
```

PL/SQL Block Using CURSOR TO Find EMPLOYEE WITH GIVEN JOB AND DEPTNO

```
declare
cursor c1(j varchar2,dn number) is select empno,ename from emp where job=j and
deptno=dn;

row1 emp%rowtype;
jb emp.job%type;
d emp.deptno%type;

begin
jb:='&jb';
d:=&d;
open c1(jb,d);
fetch c1 into row1.empno,row1.ename;
if c1%notfound then
dbms_output.put_line('Employee does not exist');
else
dbms_output.put_line('empno is:'||row1.empno||'' ||'employee name
is:'||row1.ename);
end if;
end;
```

Write a Cursor to display the list of employees who are working as a Managers or Analyst

INPUT:
```
declare
cursor c(jb varchar2) is select ename from emp where job=jb;
em emp.job%type;
begin
open c('MANAGER');
dbms_output.put_line(' EMPLOYEES WORKING AS MANAGERS ARE:');
loop
fetch c into em;
exit when c%notfound;
dbms_output.put_line(em);
end loop;
close c;
open c('ANALYST');
dbms_output.put_line(' EMPLOYEES WORKING AS ANALYST ARE:');
loop
fetch c into em;
exit when c%notfound;
dbms_output.put_line(em);
end loop;
close c;
end;
```

write a Cursor to display List of Employees from Emp Table in PL/SQL block

```
declare
cursor c is select empno,ename,deptno,sal from emp ;
i emp.empno%type;
j emp.ename%type;
k emp.deptno%type;
l emp.sal%type;
begin
open c;
dbms_output.put_line('Empno,name,deptno,salary of employees are:= ');
loop
fetch c into i,j,k,l;
exit when c%notfound;
dbms_output.put_line(i||''||j||''||k||''||l);
end loop;
close c;
end;
```