--To 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;
```

To write a Cursor to display the first three highest paid employees from emp table.

```
declare
cursor cemp is select ename,sal from emp order by sal desc;
nm emp.ename%type;
s    emp.sal%type;

begin

open cemp;
loop
fetch cemp into nm,s;
exit when cemp%rowcount=4 or cemp%notfound;
dbms_output.put_line(nm|| ' '||s);
end loop;

close cemp;

end;
```

To write a Cursor to display employees with salary in ascending order of salary from emp table.

```
declare
cursor cemp is select ename,sal from emp order by sal desc;

begin

for i in cemp
loop
dbms_output.put_line(i.ename|| ' '||i.sal);
end loop;

end;
```

To write a Cursor to display the first three highest paid employees from emp table.

```
declare
cursor cemp is select ename,sal from emp order by sal desc;

begin

for i in cemp
loop
exit when cemp%rowcount=4;
dbms_output.put_line(i.ename|| ' '||i.sal);
end loop;

end;
```

To write a Cursor to display the list of Employees and Total Salary Department wise.

```
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_RESULT.put_line('----------------------------------------------');
dbms_RESULT.put_line('Department is :' || i.deptno ||' Department name is:' ||
i.dname);
dbms_RESULT.put_line('------------------------------------------');
for j in c2 loop
if ( i.deptno=j.deptno) then
s:=s+j.sal;
dbms_RESULT.put_line(j.empno|| ' '|| j.ename || ' '|| j.sal );
end if;
end loop;
dbms_RESULT.put_line('-----------------------------------------------');
dbms_RESULT.put_line('Total salary is: '|| s);
dbms_RESULT.put_line('-----------------------------------------------');
end loop;
END;
```

--To write a Cursor to display the list of employees who are working as a Managers or Analyst.

```
DECLARE
cursor c(jb varchar2) is select ename from emp where job=jb;
em emp.ename%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;
```

--To write a Cursor to change the salary of an employee by 5% whose manager is 'KING'.

```
declare
 cursor c_emp is
select ename,empno,sal from emp where mgr in (select empno from emp where ename='KING');

 begin
 for e_rec in c_emp
 loop
 update emp
 set sal = e_rec.sal + e_rec.sal*0.05
 where empno=e_rec.empno;
end loop;
end;
```