**Day 6**

**Assignments**

1. **Create a block with a cursor to print each employee name besides his level as (scott is rich), employees with salaries above 2500 are rich, below 1500 are poor, and other are normal.**

declare

rec emp%rowtype;

cursor c\_emp is

select ename, sal from emp;

begin

for e in c\_emp loop

if e.sal < 1500 then

dbms\_output.put\_line(e.ename||' is poor');

elsif e.sal > 2500 then

dbms\_output.put\_line(e.ename||' is rich');

else

dbms\_output.put\_line(e.ename||' is normal');

end if;

end loop;

end;

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1. **Use a Cursor to retrieve the department number and the department namefrom the dept table .Pass the department number to another cursor to retrieve from the emp table the details of employee name , job,hiredate,and salary of all the employees who work in that department .**

declare

rec emp%rowtype;

cursor c\_dept is

select deptno, dname from dept;

cursor c\_emp (dept number) is

select ename, job, hiredate, sal from emp where deptno = dept;

begin

for d in c\_dept loop

dbms\_output.put\_line('department: '||d.deptno||', '||d.dname||' has');

for e in c\_emp(d.deptno) loop

dbms\_output.put\_line('employee: '||e.ename||', '||e.job||', '||e.hiredate||', '||e.sal);

end loop;

end loop;

end;

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1. **Create a block with a number variable v\_1, and a varchar variable v\_2 that selects the name of employee number v\_1 in v\_2.**

**if no employees with this number ,display a message of (no employees of this number ) .**

declare

cursor c\_emp (v\_1 number) is

select ename from emp where empno = v\_1;

v\_2 varchar(50);

begin

open c\_emp(&idinput);

fetch c\_emp into v\_2;

if v\_2 is null then

dbms\_output.put\_line('No employees of this number');

else

dbms\_output.put\_line(v\_2);

end if;

end;

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1. **Create a block with a number variable v\_1 that delete the department with this number, if the department has employees, display a message (delete the employees of this department first). Hint (the non predefined exception number is –2292).**

declare

v\_1 number;

e\_delete exception;

pragma exception\_init(e\_delete, -2292);

begin

v\_1 := &deptdelete;

delete from dept

where deptno=v\_1;

if sql%rowcount >0 then

dbms\_output.put\_line('Dept removed');

else

dbms\_output.put\_line('No such dept ');

end if;

exception

when e\_delete then

dbms\_output.put\_line('Delete the employees of this department first');

end;

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