**Day 5**

**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 cursor c\_emp is**

**select ename,sal**

**from emp ;**

**begin**

**for emp\_record in c\_emp**

**loop**

**if emp\_record.sal<2500**

**then**

**dbms\_output.put\_line(emp\_record.ename||'is rich');**

**elsif emp\_record.sal<1500**

**then**

**dbms\_output.put\_line(emp\_record.ename||'is rich');**

**else**

**dbms\_output.put\_line(emp\_record.ename||'is normal');**

**end if;**

**end loop;**

**end;**

**/**

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 cursor c\_dep is**

**select deptno,dname**

**from dept d**

**;**

**cursor c\_emp(p\_deptno number) is**

**select ename,empno,sal,job,hiredate**

**from emp**

**where deptno=p\_deptno;**

**begin**

**for dep\_record in c\_dep**

**loop**

**for emp\_record in c\_emp(dep\_record.deptno)**

**loop**

**dbms\_output.put\_line(dep\_record.deptno||'-'||emp\_record.ename||'-'||emp\_record.sal||'-'||emp\_record.job||'-'||emp\_record.hiredate);**

**end loop;**

**end loop;**

**end;**

**/**

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**

**v\_1 number :=50;**

**v\_2 varchar2(20);**

**begin**

**select ename into v\_2**

**from emp**

**where empno=v\_1;**

**exception**

**when NO\_DATA\_FOUND**

**then**

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

**end;**

**/**

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**

**e\_delete\_excep exception;**

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

**begin**

**delete from dept**

**where deptno=&v\_1;**

**exception**

**when e\_delete\_excep**

**then**

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

**end;**

**/**