**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 first is**

**select ename,sal from emp ;**

**begin**

**for cur in first**

**loop**

**if(cur.sal>2500)**

**then**

**DBMS\_OUTPUT.PUT\_LINE(cur.ename||' '||'rich');**

**elsif(cur.sal<1500)**

**then**

**DBMS\_OUTPUT.PUT\_LINE(cur.ename||' '||'poor');**

**else**

**DBMS\_OUTPUT.PUT\_LINE(cur.ename||' '||'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 first is**

**select deptno,dname from dept ;**

**cursor second (input dept.deptno%type) is**

**select ename,job,hiredate,sal from emp**

**where deptno=input ;**

**begin**

**for cur in first**

**loop**

**DBMS\_OUTPUT.PUT\_LINE(cur.dname);**

**for i in second( cur.deptno)**

**loop**

**DBMS\_OUTPUT.PUT\_LINE(i.ename||' '||i.job||' '||i.hiredate||' '||i.sal);**

**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 emp.empno%type;**

**v\_2 emp.ename%type ;**

**begin**

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

**select ename into v\_2 from emp**

**where empno=v\_1;**

**DBMS\_OUTPUT.PUT\_LINE(v\_2);**

**exception**

**when NO\_DATA\_FOUND then DBMS\_OUTPUT.PUT\_LINE('no employee');**

**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**

**v\_1 dept.deptno%type;**

**exc exception;**

**PRAGMA EXCEPTION\_INIT(exc,-2292) ;**

**begin**

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

**delete from dept**

**where deptno=v\_1;**

**exception**

**when exc then DBMS\_OUTPUT.PUT\_LINE('delete the employee of this department first');**

**end;**

**/**