PL/SQL PROGRAMS-CURSOR

EXP 10

21BLC1059

Govind Sankar H

Qn:Create table HARISHEMP and update the salary where department number =501 using PL/SQL cursor

```
SQL> create table harishemp_21blc1059(dno number(4),eno number(5),ename
varchar2(15),salary number(6));

Table created.


SQL> begin
  2   insert into
harishemp_21blc1059(dno,eno,ename,salary)values(550,1004,'Naraen',
     22000);
  3   dbms_output.put_line('one record inserted sucessfully');
  4   update harishemp_21blc1059 set salary=15000 where dno=&dno;
  5   if sql % found then
  6   dbms_output.put_line('Employee Record Modified sucessfully');
  7   else
  8   dbms_output.put_line('Employee Record does not exists');
  9   end if;
 10   end;
 11   /
```

```
SQL> begin
  2   insert into harishemp_21blc1059(dno,eno,ename,salary)values(550,1004,'Naraen',
  3   22000);
  4   dbms_output.put_line('one record inserted sucessfully');
  5   update harishemp_21blc1059 set salary=15000 where dno=&dno;
  6   if sql % found then
  7   dbms_output.put_line('Employee Record Modified sucessfully');
  8   else
  9   dbms_output.put_line('Employee Record does not exists');
 10   end if;
 11   end;
 12   /
Enter value for dno: 501
old   5: update harishemp_21blc1059 set salary=15000 where dno=&dno;
new   5: update harishemp_21blc1059 set salary=15000 where dno=501;

PL/SQL procedure successfully completed.
```

```
SQL> declare
  2   cursor harishemp_cus is select*from harishemp_21blc1059 where
  3   dno=10 or dno=20;
  4   vemp harishemp_cus%rowtype;
  5   begin
  6   open harishemp_cus;
     LOOP;
  7   dbms_output.put_line('DNO'||'ENO'||'ENAME'||'SALARY');
  8   fetch harishemp_cus into vemp;
  9   exit when harishemp_cus % not found;
 10   dbms_output.put_line(vemp.dno||' '||vemp.eno||' '||vemp.ename||'
'||vemp.salary);
     END LOOP;
 11   end;
 12   /
```

```
DNO   ENO   ENAME        SALARY
501   1004  Naraen15000
```
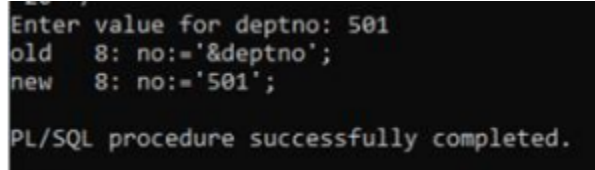
PL/SQL procedure successfully completed.

```
SQL> declare
  2   cursor harishemp_det(deptno empdv.dno%type) is select ename,salary from
      empdv where dno=deptno;
  3   no empdv.dno%type;
  4   vename empdv.ename%type;
  5   vsal empdv.salary%type;
  6   vtotsal number(9,2);
```

```
 7  begin
 8  no:='&deptno';
 9  vtotsal:=0;
10  open HARISHemp_det(no);
11  loop
12  fetch HARISHemp_det into vename,vsal;
13  exit when HARISHemp_det%notfound;
14  vtotsal:=vtotsal+vsal;
15  dbms_output.put_line(vename||' '||vsal);
16  end loop;
17  dbms_output.put_line('Total salary:'||vtotsal);
18  Close HARISHemp_det;
19  end;
20  /
```

```
Enter value for deptno: 501
old    8: no:='&deptno';
new    8: no:='501';

PL/SQL procedure successfully completed.
```

Result: The sql queries has been successfully executed.