Lab Assignment No-10

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Class: TE-Comps B	Batch: B3
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Grade :	

1. Print a list of Employees (name of employees) and their name of departments using a cursor.

```
1   SET SERVEROUTPUT ON SIZE 1000000;
2   DECLARE
3     -- DECLARE A CURSOR
4     CURSOR CUR_CHIEF IS
5         SELECT FIRST_NAME,
6                LAST_NAME,
7                DEPARTMENT_NAME
8         FROM EMPLOYEES E
9         INNER JOIN DEPARTMENTS D ON D.MANAGER_ID = E.EMPLOYEE_ID;
10
11    R_CHIEF CUR_CHIEF%ROWTYPE;
12  BEGIN
13    OPEN CUR_CHIEF;
14    LOOP
15      -- FETCH INFORMATION FROM CURSOR INTO RECORD
16      FETCH CUR_CHIEF INTO R_CHIEF;
17
18      EXIT WHEN CUR_CHIEF%NOTFOUND;
19
20      -- PRINT DEPARTMENT - CHIEF
21      DBMS_OUTPUT.PUT_LINE(R_CHIEF.DEPARTMENT_NAME || ' - ' ||
22                           R_CHIEF.FIRST_NAME || ',' ||
23                           R_CHIEF.LAST_NAME);
24    END LOOP;
25    -- CLOSE CURSOR CUR_CHIEF
26    CLOSE CUR_CHIEF;
27  END;
```

```
Statement processed.
Executive -  Steven,king
IT - Alexander,Hunold
Shipping - Kevin,Mourgos
Sales - Eleni,Zlotkey
Administration - Jennifer,Whalen
Marketing - Michalen,Hartstein
Accounting - Shelley,Higgins
```

2. Create a PL/SQL block to increase the salary of employees in department 80 using a cursor.

(The salary increase is 20% for the employees making less than $90,000 and 12% for the employees making $90,000 or more.)

```
1   DECLARE
2   CURSOR C1 IS SELECT EMPLOYEE_ID,SALARY FROM EMPLOYEES
3   WHERE DEPARTMENT_ID =80
4   FOR UPDATE;
5   BEGIN
6   FOR  I IN C1
7   LOOP
8   EXIT WHEN C1%NOTFOUND;
9   UPDATE EMPLOYEES
10  SET SALARY = SALARY + SALARY * 0.2
11  WHERE CURRENT OF C1;
12  DBMS_OUTPUT.PUT_LINE(I.EMPLOYEE_ID ||'...'||I.SALARY);
13  END LOOP;
14  END;
```

```
Statement processed.
149...10500
174...11000
176...8600
```