Practical-11

Date:_____

AIM: Write a PL/SQL block to accept the id of an employee (emp2 table) from the user and fetch a record of that employee. Check the salary and update the salary Column as follows:

a. If salary >10000 and salary<=20000, then salary = salary+30% of salary.

b. If salary>20000 and salary<=30000, then salary =salary+ 40% of salary.

---

i). CREATE emp2 Table :-

```
CREATE TABLE emp2 (
    emp_id NUMBER (5) PRIMARY KEY.
    Salary NUMBER (10,2)
)
```

ii). Insert Data into Table emp2 :-

```
INSERT INTO emp2 (emp_id, Salary) VALUES (101, 18000);
INSERT INTO emp2 (emp_id, Salary) VALUES (102, 25000);
INSERT INTO emp2 (emp_id, Salary) VALUES (103, 32000);
```

iii). PL/SQL Block :-

```
DECLARE
    V_emp_id    emp2.emp_id %. TYPE ;
    V_salary    emp2.Salary %. TYPE ;
    V_new_salary    emp2.Salary %. TYPE ;
BEGIN
    V_emp_id := & Employee_ID ;

    SELECT salary INTO V_salary FROM emp2 WHERE
                    emp_id = V_emp_id ;

    IF V_salary > 10000 AND V_salary <= 20000 THEN
        V_new_Salary := V_salary + (V_salary * 0.30);
    ELSEIF V_salary > 20000 AND V_salary <= 30000 THEN
        V_new_salary := V_salary + (V_salary * 0.40);
```

```
        ELSE
            v_new_salary := v_salary;
        END IF;

        UPDATE emp2
        SET salary = v_new_salary
        WHERE emp_id = v_emp_id;

        dbms_output.put_line ('Employee ID:' || v_emp_id ||
                    ' New Salary :' || v_new_salary );
        COMMIT;
END;
```

Output :-

```
Employee ID : 101, New Salary : 23400
Employee ID : 102, New Salary : 35000
Employee ID : 103, New Salary : 32000
```

emp_id	Salary
101	23400
102	35000
103	32000