**PL/SQL – CURSOR Programming**

**M ASWIN KISHORE, S5 CS2 41**

1. Create a table employee with fields employee\_number, basic pay, allowance and total salary. Set total salary to zero. Write a pl/sql program to calculate total salary. Total salary =basic pay +1000.

CREATE TABLE employee(

emp\_no number(10) ,

basic\_pay number(10),

allowance number(10),

total\_salary number(10) DEFAULT 0

);

INSERT INTO employee (emp\_no,basic\_pay, allowance) VALUES (1, 20000,2000);

INSERT INTO employee (emp\_no,basic\_pay, allowance) VALUES (2, 45000,2000);

INSERT INTO employee (emp\_no,basic\_pay, allowance) VALUES (3, 23000,2000);

UPDATE employee SET total\_salary = 0;

Select \* from employee;

DECLARE

total\_rows number(10);

BEGIN

UPDATE employee

SET total\_salary = basic\_pay + 1000;

IF sql%found THEN

total\_rows := sql%rowcount;

DBMS\_OUTPUT.PUT\_LINE('Updated total salary of '||total\_rows||' employees');

END IF;

END;

Select \* from employee;

**OUPUT:**

|  |  |  |  |
| --- | --- | --- | --- |
| **EMP\_NO** | **BASIC\_PAY** | **ALLOWANCE** | **TOTAL\_SALARY** |
| 1 | 20000 | 2000 | 0 |
| 2 | 45000 | 2000 | 0 |
| 3 | 23000 | 2000 | 0 |

Updated total salary of 3 employees

|  |  |  |  |
| --- | --- | --- | --- |
| **EMP\_NO** | **BASIC\_PAY** | **ALLOWANCE** | **TOTAL\_SALARY** |
| 1 | 20000 | 2000 | 21000 |
| 2 | 45000 | 2000 | 46000 |
| 3 | 23000 | 2000 | 24000 |