DBMS Practical Assignment 9

Consider the table as

CREATE TABLE emp64 (

ID NUMBER PRIMARY KEY,

Name VARCHAR2(50),

Age NUMBER,

Address VARCHAR2(100),

Salary NUMBER

);

INSERT INTO emp64 VALUES (1, 'krt', 30, 'Nashik', 25000);

INSERT INTO emp64 VALUES (2, 'Shraddha', 28, 'Pune', 30000);

INSERT INTO emp64 VALUES (3, 'Isha', 35, 'Banglore', 25000);

INSERT INTO emp64 VALUES (4, 'Aditi', 32, 'Mumbai', 40000);

INSERT INTO emp64 VALUES (5, 'Bhumi', 29, 'Pune', 25000);

DECLARE

-- Cursor to select required employee details

CURSOR emp\_cur IS

SELECT NAME, ADDRESS, SALARY, AGE

FROM emp64;

-- Variables to hold data from cursor

v\_name emp64.NAME%TYPE;

v\_address emp64.ADDRESS%TYPE;

v\_salary emp64.SALARY%TYPE;

v\_age emp64.AGE%TYPE;

v\_category VARCHAR2(10);

-- Counters for young and old employees

young\_count NUMBER := 0;

old\_count NUMBER := 0;

BEGIN

OPEN emp\_cur;

LOOP

FETCH emp\_cur INTO v\_name, v\_address, v\_salary, v\_age;

EXIT WHEN emp\_cur%NOTFOUND;

IF v\_age < 40 THEN

v\_category := 'Young';

young\_count := young\_count + 1;

ELSE

v\_category := 'Old';

old\_count := old\_count + 1;

END IF;

DBMS\_OUTPUT.PUT\_LINE('Name: ' || v\_name || ', Address: ' || v\_address ||

', Salary: ' || v\_salary || ', Category: ' || v\_category);

END LOOP;

CLOSE emp\_cur;

-- Display counts

DBMS\_OUTPUT.PUT\_LINE('Total Young Employees: ' || young\_count);

DBMS\_OUTPUT.PUT\_LINE('Total Old Employees: ' || old\_count);

END;

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