**Practical 04**

**Create Cursor in PL/SQL**

1. **Implicit Cursor :**
2. **Explicit Cursor :**

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1. **Implicit Cursor :**

create table customers (name varchar2(20), salary number(5));

insert into customers(name, salary) values ('John', 10000);

insert into customers(name, salary) values ('Bob', 20000);

insert into customers(name, salary) values ('Alice', 25000);

DECLARE

total\_rows number(2);

BEGIN

UPDATE customers

SET salary = salary + 500;

IF sql%notfound THEN

dbms\_output.put\_line('no customers selected');

ELSIF sql%found THEN

total\_rows := sql%rowcount;

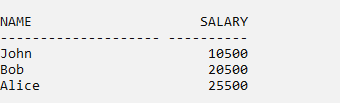
dbms\_output.put\_line( total\_rows || ' customers selected ');

END IF;

END;

/

select \* from customers;



1. **Explicit Cursor :**

**Create Table :**

**create table Customers5 (ID integer, name varchar2(10), age number, address varchar2(50), salary number);**

**insert into Customers5 (ID, name, age, address, salary) values (1, 'Ramesh', 23, 'Allahbad', 20000);**

**insert into Customers5 (ID, name, age, address, salary) values (1, 'Suresh', 22, 'Kanpur', 22000);**

**insert into Customers5 (ID, name, age, address, salary) values (1, 'Mahesh', 24, 'Mumbai', 24000);**

**insert into Customers5 (ID, name, age, address, salary) values (1, 'Chandan', 26, 'Noida', 26000);**

**Select \* from Customers5;**

**SQL> DECLARE**

**c\_ID customers5.id%type;**

**c\_name customers5.name%type;**

**c\_addr customers5.address%type;**

**CURSOR c\_customers is**

**SELECT id, name, address FROM customers5;**

**BEGIN**

**OPEN c\_customers;**

**LOOP**

**FETCH c\_customers into c\_id, c\_name, c\_addr;**

**EXIT WHEN c\_customers%notfound;**

**dbms\_output.put\_line(c\_id || ' ' || c\_name || ' ' || c\_addr);**

**END LOOP;**

**CLOSE c\_customers;**

**END;**

**/**

