Ex No:7 **SIMPLEPL/SQLPROGRAMS with CONTROL STRCTURE**

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Aim:

To work with simple SQL programs with control structures for employee database management.

PROCEDURE

STEP 1: Start

STEP 2: Initialize the necessary variables.

STEP 3: invoke with the row type conditicon to get the salary.

STEP 4: Execute the statements.

STEP 5: Stop.

CODING:

Create a table:

```
create table emplpoyee21cse104(
 emp_id number,
 emp_name varchar(30),
 salary varchar(15),
 incentives_date date,
 incentives_amount number,
 constraint employee104 primary key(emp_id))
```

Insert a value:

```
insert into emplpoyee21cse104 values('101','xxx','10000','18-JUNE-2003','2000')
 insert into emplpoyee21cse104 values('102','yyy','15000','10-AUG-2003','3000')
 insert into emplpoyee21cse104 values('103','zzz','20000','25-march-2003','4000')
```

Select*from emplpoyee21cse104

Script Output | Query Result

SQL | All Rows Fetched: 3 in 0.002 seconds

	EMP_ID	EMP_NAME	SALARY	INCENTIVES_DATE	INCENTIVES_AMOUNT
1	101	xxx	10000	18-JUN-03	2000
2	102	yyy	15000	10-AUG-03	3000
3	103	zzz	20000	25-MAR-03	4000

FOR MY EMPLOYEE PROGRAM:

Check for total salary :

```
sql>set serveroutput on;
DECLARE
 salary number;
 total_salary NUMBER;
 incentives_amount number;
 empid number;
 x emplpoyee21cse104%ROWTYPE;
 BEGIN
 DBMS_OUTPUT.PUT_LINE('Enter the EMP_ID');
 empid:=&empid;
 select *into x from emplpoyee21cse104 where emp_id=empid;
 salary:=x.salary;
incentives_amount:=x.incentives_amount;
total_salary= salary+incentives_amount;
DBMS_OUTPUT.PUT_LINE('employee total salary is'||total_salary);
end;
```

OUTPUT:

```
anonymous block completed
Enter the EMP_ID
employee total salary is18000
```

RESULT:

Thus the PL/SQL block for different controls are verified and executed for the employee database.