***17.Use the Explicit Cursor to Update the Salary Column as 25% of Basic Salary as Bonus and Update this to get the Net Salary(Department CSE).***

**CREATE TABLE EMPLOYEE3 (EMP\_ID INT PRIMARY KEY,EMP\_DEP VARCHAR(20),BASIC\_SALARY INT,CONSALARY INT,BONUS INT,TAX INT,NET\_SALARY INT);**

**INSERT INTO EMPLOYEE3 (EMP\_ID,EMP\_DEP,BASIC\_SALARY) VALUES (1,'CSE',78100);**

**INSERT INTO EMPLOYEE3 (EMP\_ID,EMP\_DEP,BASIC\_SALARY) VALUES (2,'CSE',18145);**

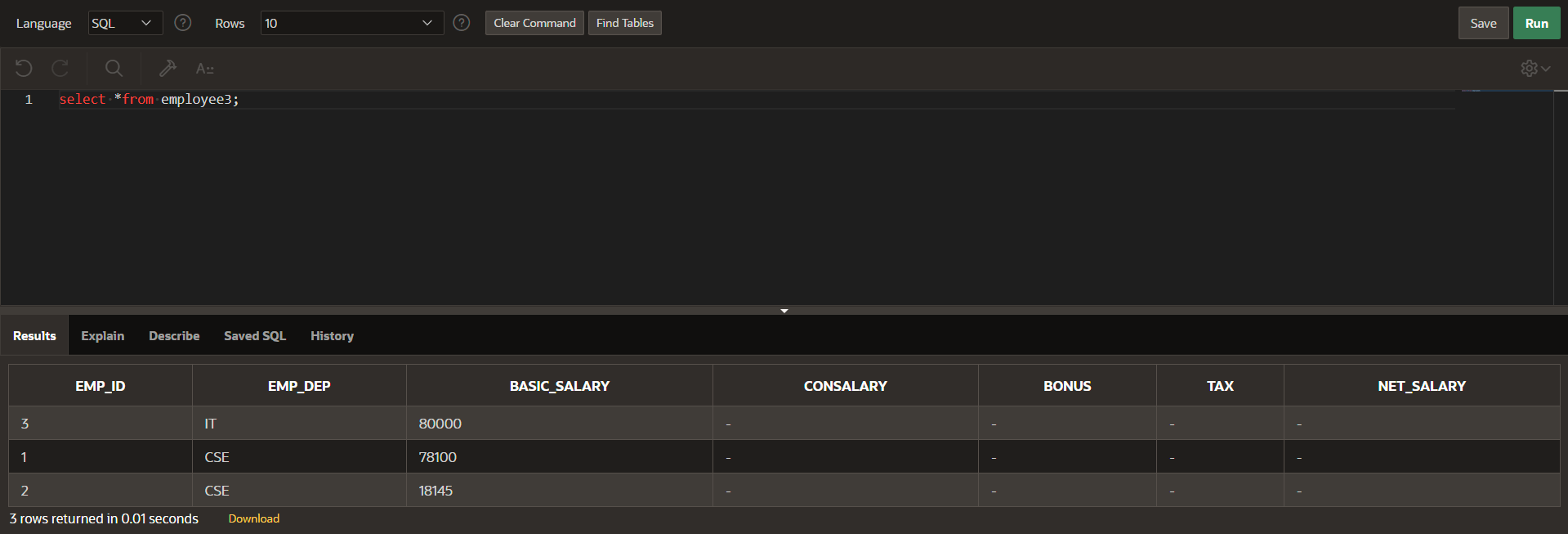
**INSERT INTO EMPLOYEE3 (EMP\_ID,EMP\_DEP,BASIC\_SALARY) VALUES (3,'CSE',30000);**

**INSERT INTO EMPLOYEE3 (EMP\_ID,EMP\_DEP,BASIC\_SALARY) VALUES (4,'CSE',20000);**

**INSERT INTO EMPLOYEE3 (EMP\_ID,EMP\_DEP,BASIC\_SALARY) VALUES (5,'CSE',38000);**

**INSERT INTO EMPLOYEE3 (EMP\_ID,EMP\_DEP,BASIC\_SALARY) VALUES (6,'IT',80000);**

**SELECT \*FROM EMPLOYEE3 ORDER BY EMP\_ID;**

****

**DECLARE**

**CURSOR cemp IS SELECT EMP\_ID, BASIC\_SALARY, BONUS, EMP\_DEP FROM EMPLOYEE3;**

**v\_emp\_id EMPLOYEE3.EMP\_ID%TYPE;**

**v\_basic\_salary EMPLOYEE3.BASIC\_SALARY%TYPE;**

**v\_bonus EMPLOYEE3.BONUS%TYPE;**

**v\_emp\_dep EMPLOYEE3.EMP\_DEP%TYPE;**

**v\_tax EMPLOYEE3.TAX%TYPE;**

**v\_consalary EMPLOYEE3.CONSALARY%TYPE;**

**v\_net\_salary EMPLOYEE3.NET\_SALARY%TYPE;**

**BEGIN**

**UPDATE EMPLOYEE3 SET BONUS = BASIC\_SALARY \* 0.25 WHERE EMP\_DEP = 'CSE';**

**OPEN cemp;**

**LOOP**

**FETCH cemp INTO v\_emp\_id, v\_basic\_salary, v\_bonus, v\_emp\_dep;**

**EXIT WHEN cemp%NOTFOUND;**

**IF v\_emp\_dep != 'CSE' THEN**

**v\_bonus := 0;**

**END IF;**

**IF v\_basic\_salary < 20000 THEN**

**v\_tax := 0.1 \* v\_basic\_salary;**

**v\_consalary := 0.12 \* v\_basic\_salary;**

**ELSIF v\_basic\_salary >= 20000 AND v\_basic\_salary < 50000 THEN**

**v\_tax := 0.2 \* v\_basic\_salary;**

**v\_consalary := 0.16 \* v\_basic\_salary;**

**ELSE**

**v\_tax := 0.3 \* v\_basic\_salary;**

**v\_consalary := 0.21 \* v\_basic\_salary;**

**END IF;**

**v\_net\_salary := v\_basic\_salary + v\_consalary + v\_bonus - v\_tax;**

**UPDATE EMPLOYEE3**

**SET TAX = v\_tax,**

**CONSALARY = v\_consalary,**

**NET\_SALARY = v\_net\_salary**

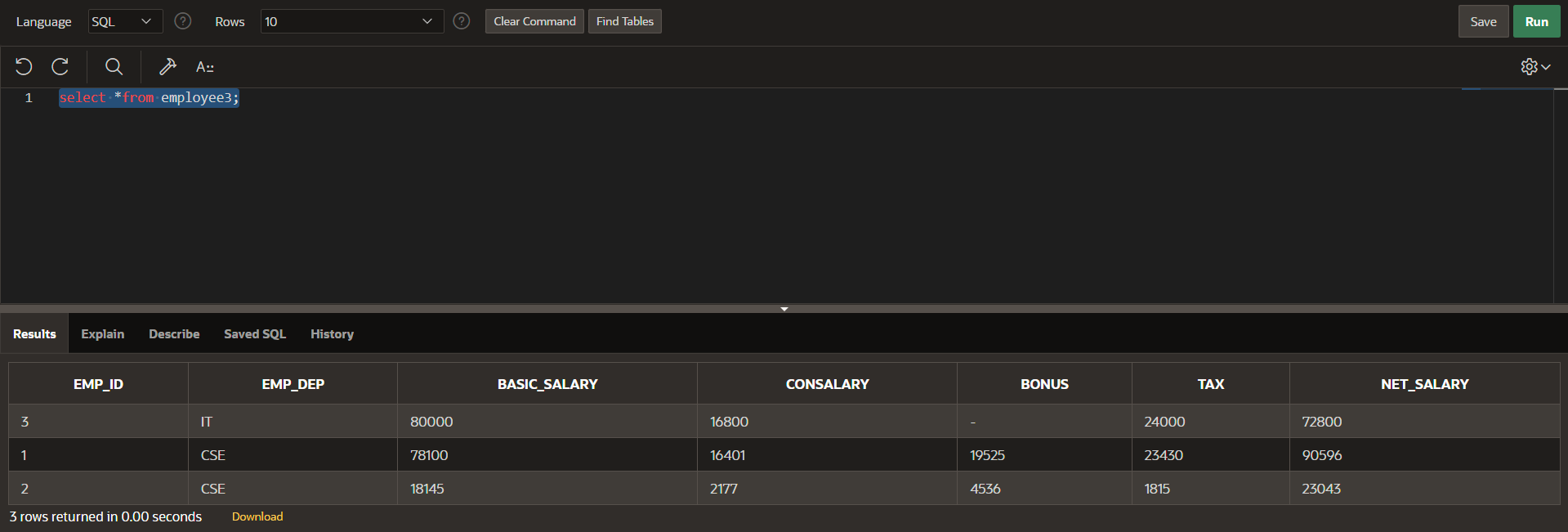
**WHERE EMP\_ID = v\_emp\_id;**

**END LOOP;**

**CLOSE cemp;**

**END;**

**SELECT \*FROM EMPLOYEE3 ORDER BY EMP\_ID;**

****