Assignment 17

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);

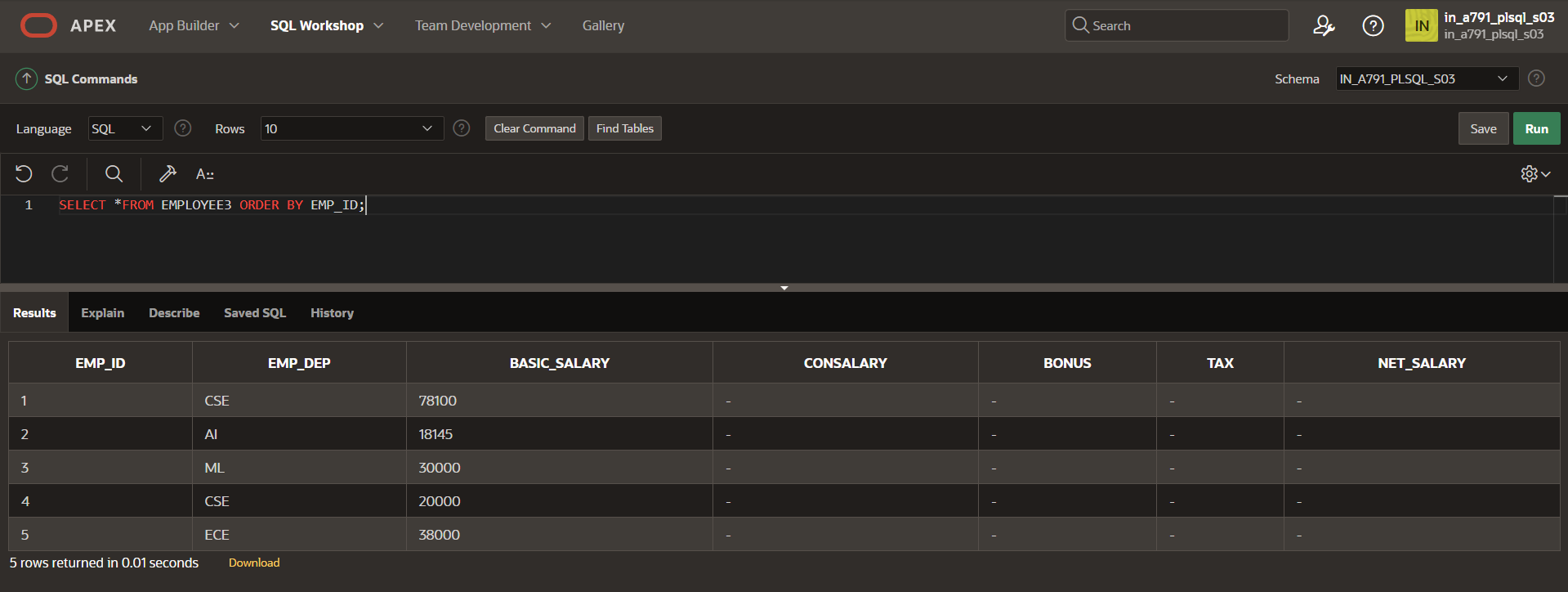
INSERT INTO EMPLOYEE3 (EMP\_ID,EMP\_DEP,BASIC\_SALARY) VALUES (2,'AI',18145);

INSERT INTO EMPLOYEE3 (EMP\_ID,EMP\_DEP,BASIC\_SALARY) VALUES (3,'ML',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,'ECE',38000);

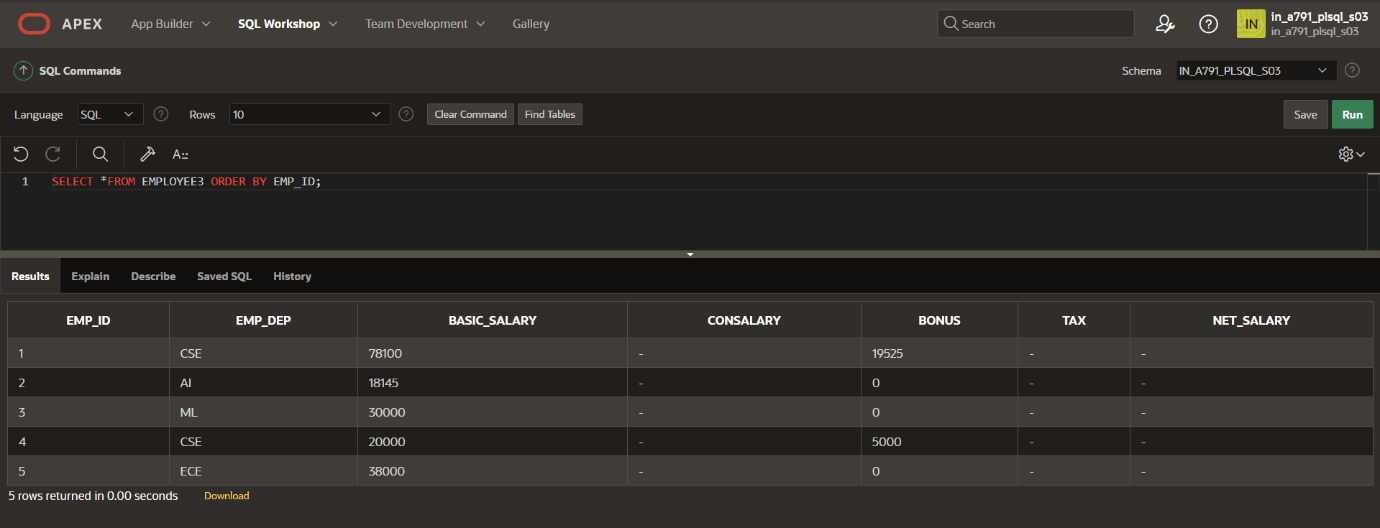
SELECT \*FROM EMPLOYEE3 ORDER BY EMP\_ID;



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

UPDATE EMPLOYEE3 SET BONUS=0 where EMP\_DEP != 'CSE';

SELECT \*FROM EMPLOYEE3 ORDER BY EMP\_ID;



DECLARE

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

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

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

v\_bonus EMPLOYEE3.BONUS%TYPE;

v\_tax EMPLOYEE3.TAX%TYPE;

v\_consalary EMPLOYEE3.CONSALARY%TYPE;

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

BEGIN

OPEN cemp;

LOOP

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

EXIT WHEN cemp%NOTFOUND;

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;

