**18.Single Parameter and Multiple Parameter using Cursor in PL/SQL.**

**Single Parameter Cursor**

**CREATE TABLE EMPLOYEE4 (**

**EMP\_ID NUMBER,**

**EMP\_NAME VARCHAR2(100),**

**DEPT\_ID NUMBER,**

**SALARY NUMBER**

**);**

**INSERT INTO EMPLOYEE4 VALUES(1,'Peter',100,10000);**

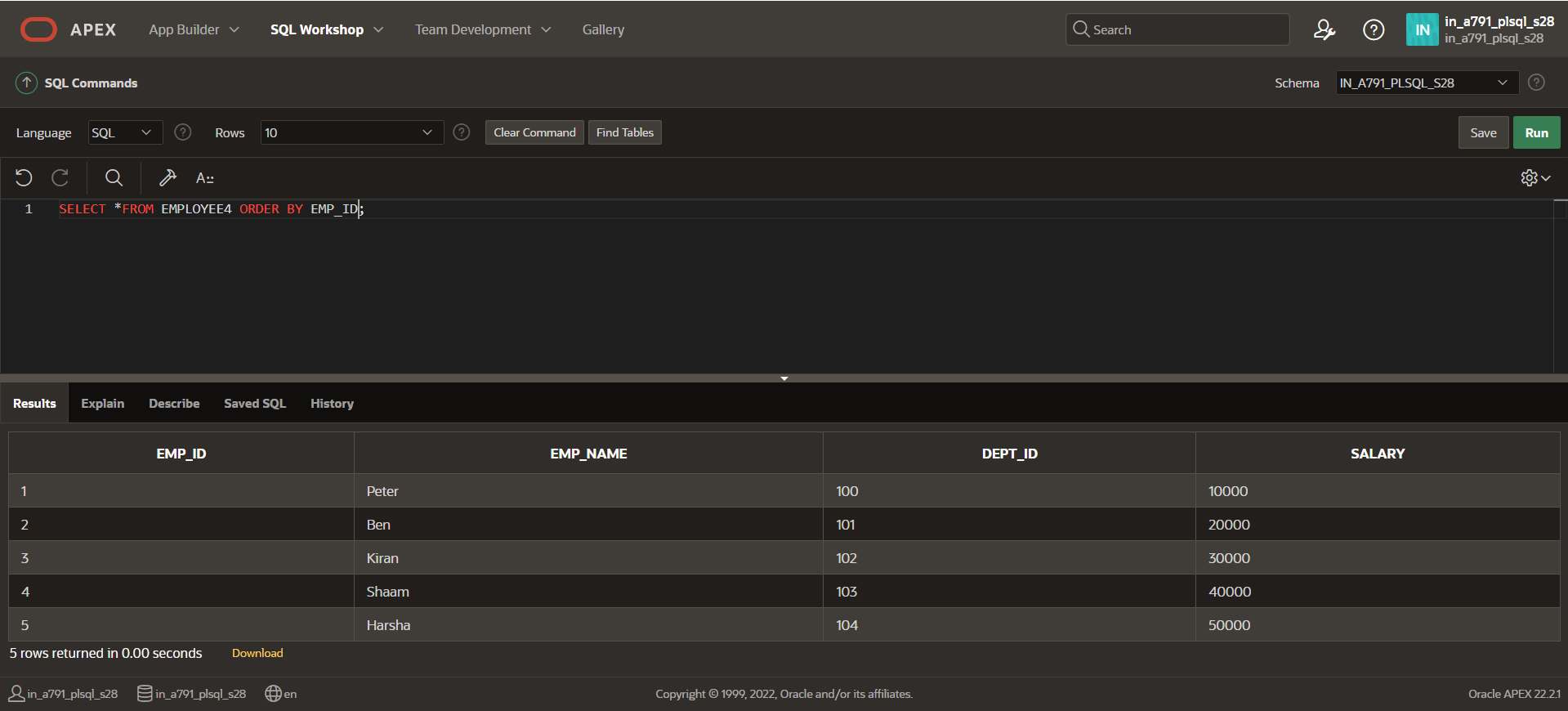
**INSERT INTO EMPLOYEE4 VALUES(2,'Ben',101,20000);**

**INSERT INTO EMPLOYEE4 VALUES(3,'Kiran',102,30000);**

**INSERT INTO EMPLOYEE4 VALUES(4,'Shaam',103,40000);**

**INSERT INTO EMPLOYEE4 VALUES(5,'Harsha',104,50000);**

**SELECT \*FROM EMPLOYEE4 ORDER BY EMP\_ID;**

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**DECLARE**

**CURSOR emp\_cursor(p\_dept\_id NUMBER) IS SELECT EMP\_ID, EMP\_NAME, SALARY FROM EMPLOYEE4 WHERE DEPT\_ID = p\_dept\_id;**

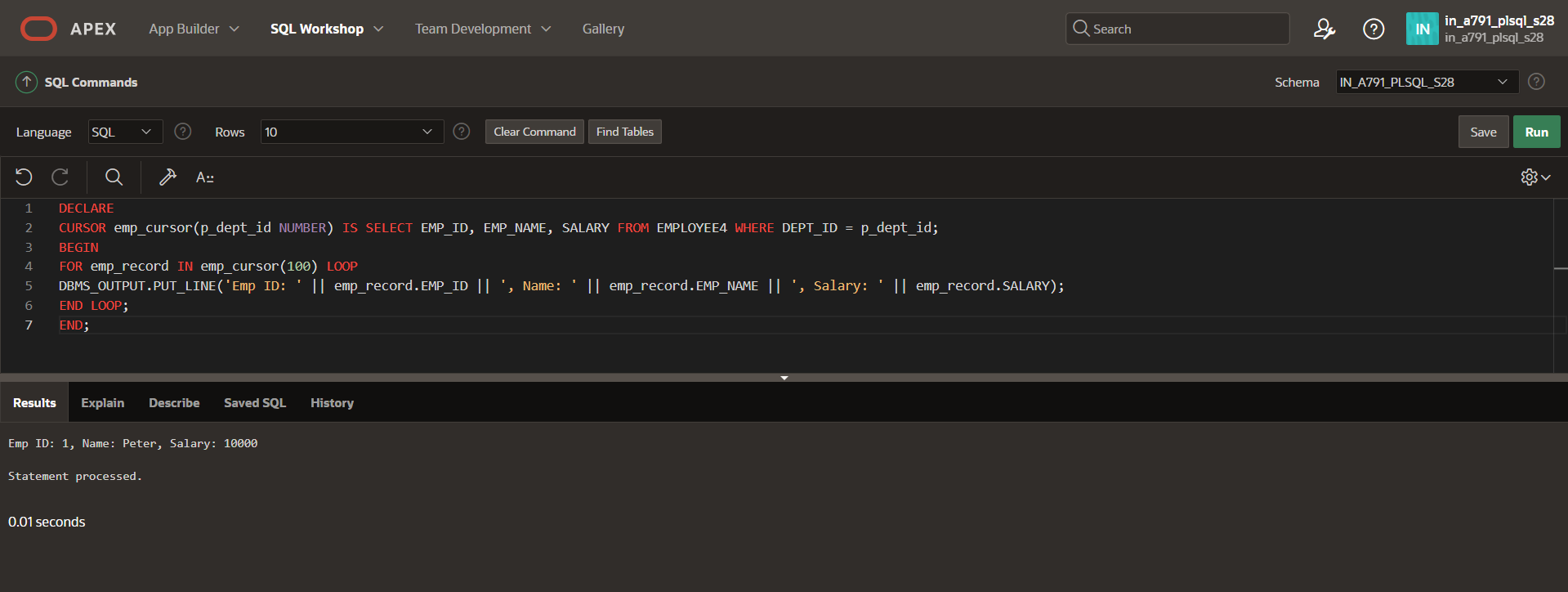
**BEGIN**

**FOR emp\_record IN emp\_cursor(100) LOOP**

**DBMS\_OUTPUT.PUT\_LINE('Emp ID: ' || emp\_record.EMP\_ID || ', Name: ' || emp\_record.EMP\_NAME || ', Salary: ' || emp\_record.SALARY);**

**END LOOP;**

**END;**

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**Multiple Parameter Cursor**

**DECLARE**

**CURSOR emp\_cursor(p\_dept\_id NUMBER, p\_min\_salary NUMBER) IS**

**SELECT EMP\_ID, EMP\_NAME, SALARY**

**FROM EMPLOYEE4**

**WHERE DEPT\_ID = p\_dept\_id AND SALARY >= p\_min\_salary;**

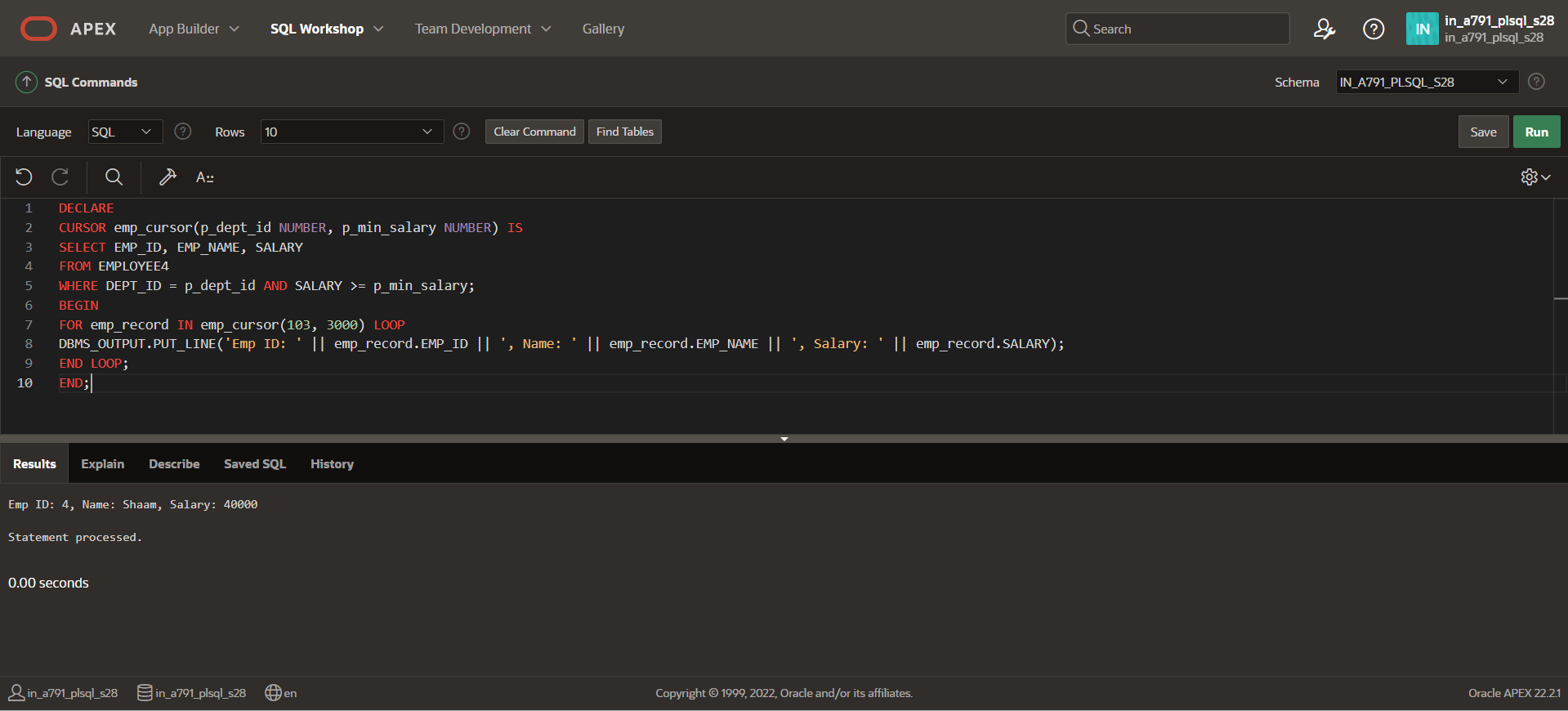
**BEGIN**

**FOR emp\_record IN emp\_cursor(103, 3000) LOOP**

**DBMS\_OUTPUT.PUT\_LINE('Emp ID: ' || emp\_record.EMP\_ID || ', Name: ' || emp\_record.EMP\_NAME || ', Salary: ' || emp\_record.SALARY);**

**END LOOP;**

**END;**

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