**22.TRAPPING USER DEFINED EXCEPTION**

**CREATE TABLE EMPLOYEE4(EMP\_ID INT PRIMARY KEY,EMP\_NAME VARCHAR(20),DEPT\_ID INT,SALARY INT);**

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

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

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

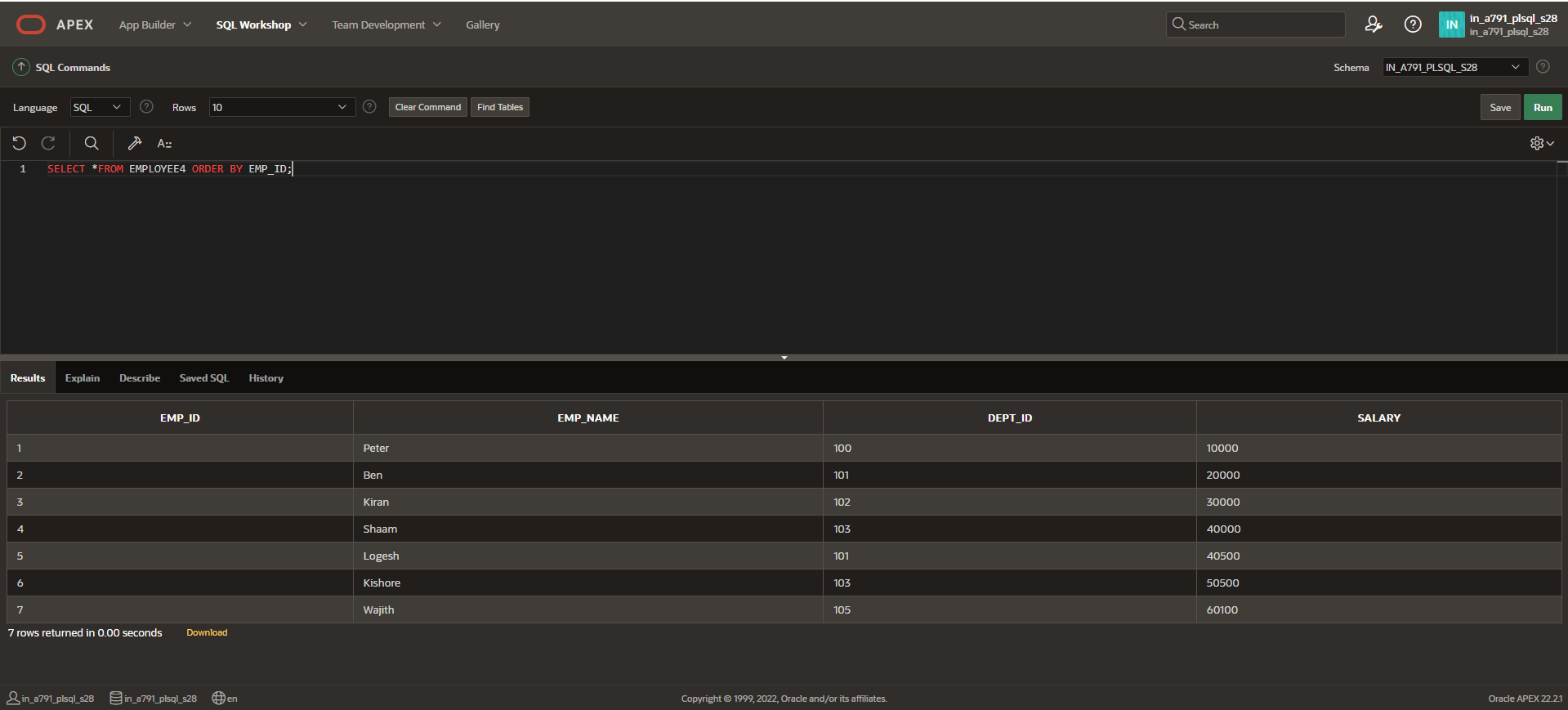
**INSERT INTO EMPLOYEE4 VALUES(4,'Shaam',103,40000);**

**INSERT INTO EMPLOYEE4 VALUES(5,'Logesh',101,40500);**

**INSERT INTO EMPLOYEE4 VALUES(6,'Kishore',103,50500);**

**INSERT INTO EMPLOYEE4 VALUES(7,'Wajith',105,60100);**

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

****

**DECLARE**

**e\_name EXCEPTION;**

**PRAGMA EXCEPTION\_INIT(e\_name, -20999);**

**v\_last\_name employee4.emp\_name%TYPE := 'Wajith';**

**BEGIN**

**DELETE FROM employee4**

**WHERE emp\_name = v\_last\_name;**

**IF SQL%ROWCOUNT = 0 THEN**

**RAISE\_APPLICATION\_ERROR(-20999, 'Invalid last name');**

**ELSE**

**DBMS\_OUTPUT.PUT\_LINE(v\_last\_name ||' deleted');**

**END IF;**

**EXCEPTION**

**WHEN e\_name THEN**

**DBMS\_OUTPUT.PUT\_LINE('Valid last names are: ');**

**FOR c1 IN (SELECT DISTINCT emp\_name FROM employee4)**

**LOOP**

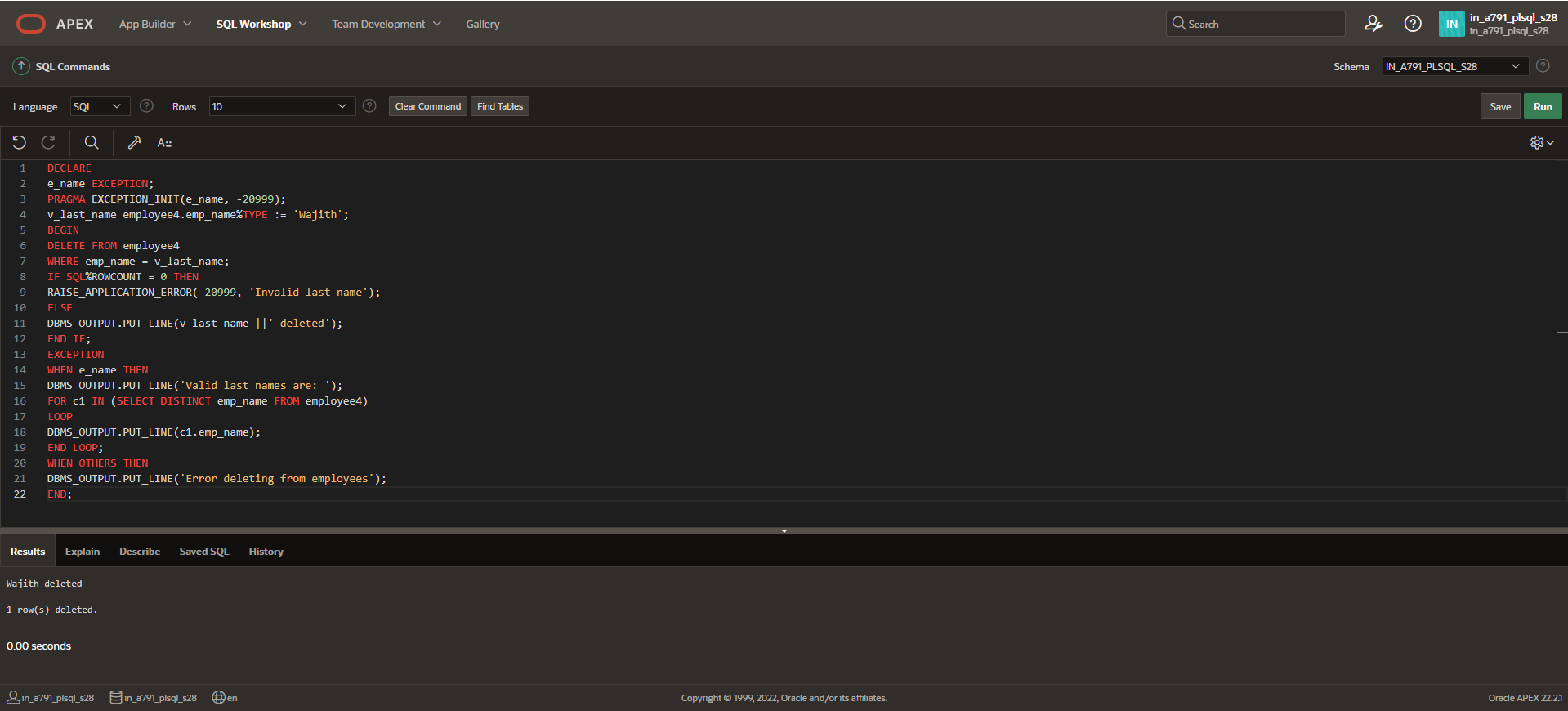
**DBMS\_OUTPUT.PUT\_LINE(c1.emp\_name);**

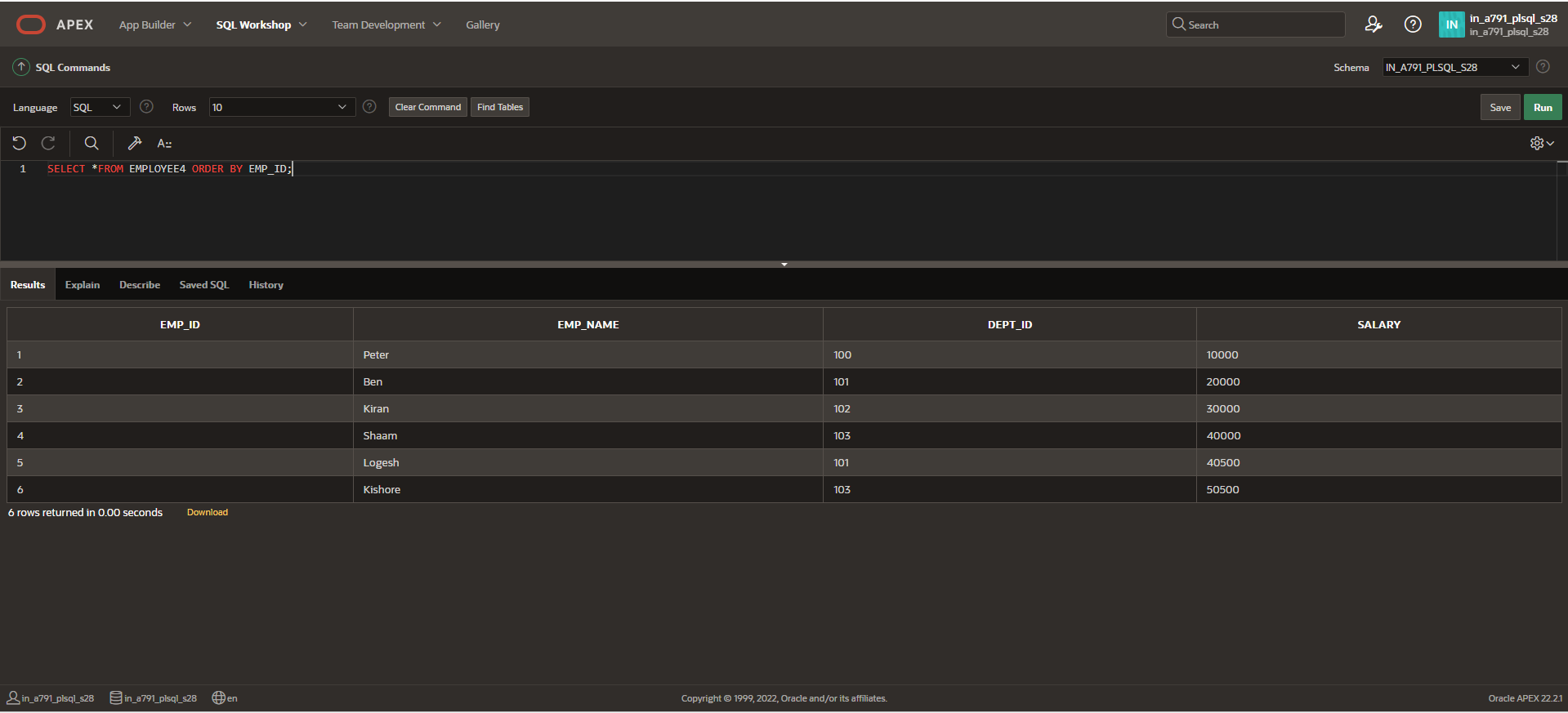
**END LOOP;**

**WHEN OTHERS THEN**

**DBMS\_OUTPUT.PUT\_LINE('Error deleting from employees');**

**END;**

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