**20.User-defined Records**

**CREATE TABLE DEPARTMENT11(DEP\_ID INT PRIMARY KEY,DEP\_NAME VARCHAR(20));**

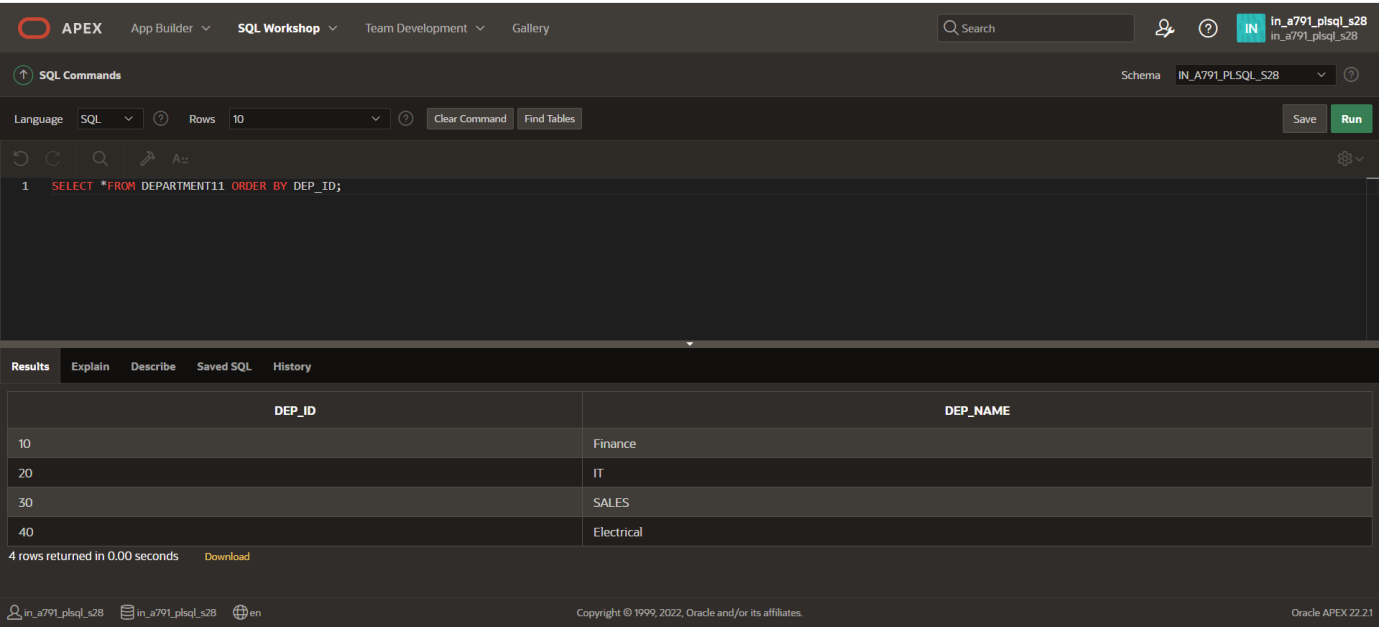
**INSERT INTO DEPARTMENT11 VALUES(10,'Finance');**

**INSERT INTO DEPARTMENT11 VALUES(20,'IT');**

**INSERT INTO DEPARTMENT11 VALUES(30,'SALES');**

**INSERT INTO DEPARTMENT11 VALUES(40,'Electrical');**

**SELECT \*FROM DEPARTMENT11 ORDER BY DEP\_ID;**

****

**CREATE TABLE EMPLOYEE11 (EMP\_ID INT PRIMARY KEY,EMP\_FIRSTNAME VARCHAR(20),EMP\_LASTNAME VARCHAR(20),DEP\_ID INT,FOREIGN KEY (DEP\_ID) REFERENCES DEPARTMENT11 (DEP\_ID));**

**INSERT INTO EMPLOYEE11 VALUES(1,'Ben','Tenizen',20);**

**INSERT INTO EMPLOYEE11 VALUES(2,'Peter','Parker',20);**

**INSERT INTO EMPLOYEE11 VALUES(3,'Henry','Cavil',10);**

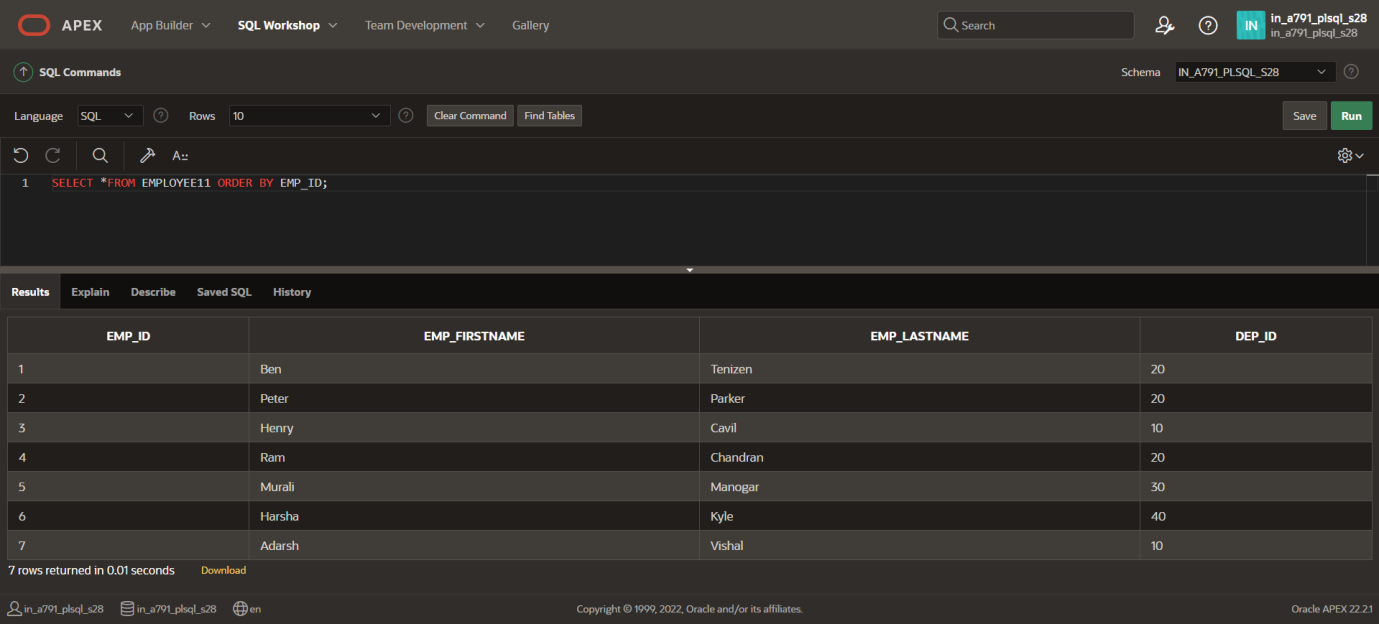
**INSERT INTO EMPLOYEE11 VALUES(4,'Ram','Chandran',20);**

**INSERT INTO EMPLOYEE11 VALUES(5,'Murali','Manogar',30);**

**INSERT INTO EMPLOYEE11 VALUES(6,'Harsha','Kyle',40);**

**INSERT INTO EMPLOYEE11 VALUES(7,'Adarsh','Vishal',10);**

**SELECT \*FROM EMPLOYEE11 ORDER BY EMP\_ID;**

****

**DECLARE**

**TYPE PERSON\_DEPT IS RECORD**

**(**

**EMP\_FIRSTNAME EMPLOYEE11.EMP\_FIRSTNAME%TYPE,**

**EMP\_LASTNAME EMPLOYEE11.EMP\_LASTNAME%TYPE,**

**DEP\_NAME DEPARTMENT11.DEP\_NAME%TYPE**

**);**

**v\_person\_dept\_rec PERSON\_DEPT;**

**BEGIN**

**SELECT e.EMP\_FIRSTNAME, e.EMP\_LASTNAME, d.DEP\_NAME**

**INTO v\_person\_dept\_rec**

**FROM EMPLOYEE11 e**

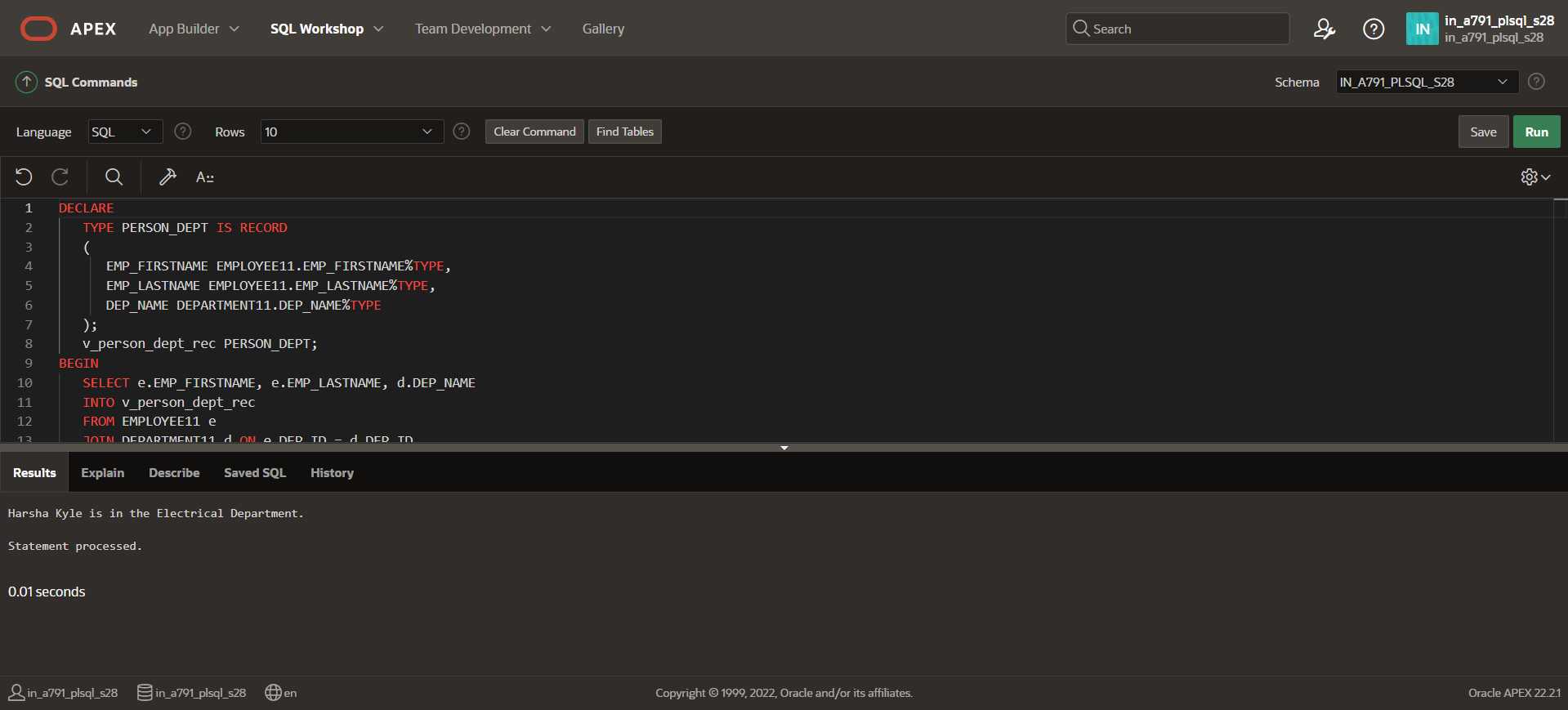
**JOIN DEPARTMENT11 d ON e.DEP\_ID = d.DEP\_ID**

**WHERE e.EMP\_ID = 6;**

**DBMS\_OUTPUT.PUT\_LINE(v\_person\_dept\_rec.EMP\_FIRSTNAME || ' ' || v\_person\_dept\_rec.EMP\_LASTNAME || ' is in the ' || v\_person\_dept\_rec.DEP\_NAME || ' Department.');**

**END;**

**/**

****