**6.1 NATURAL JOIN AND CROSS JOIN**

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

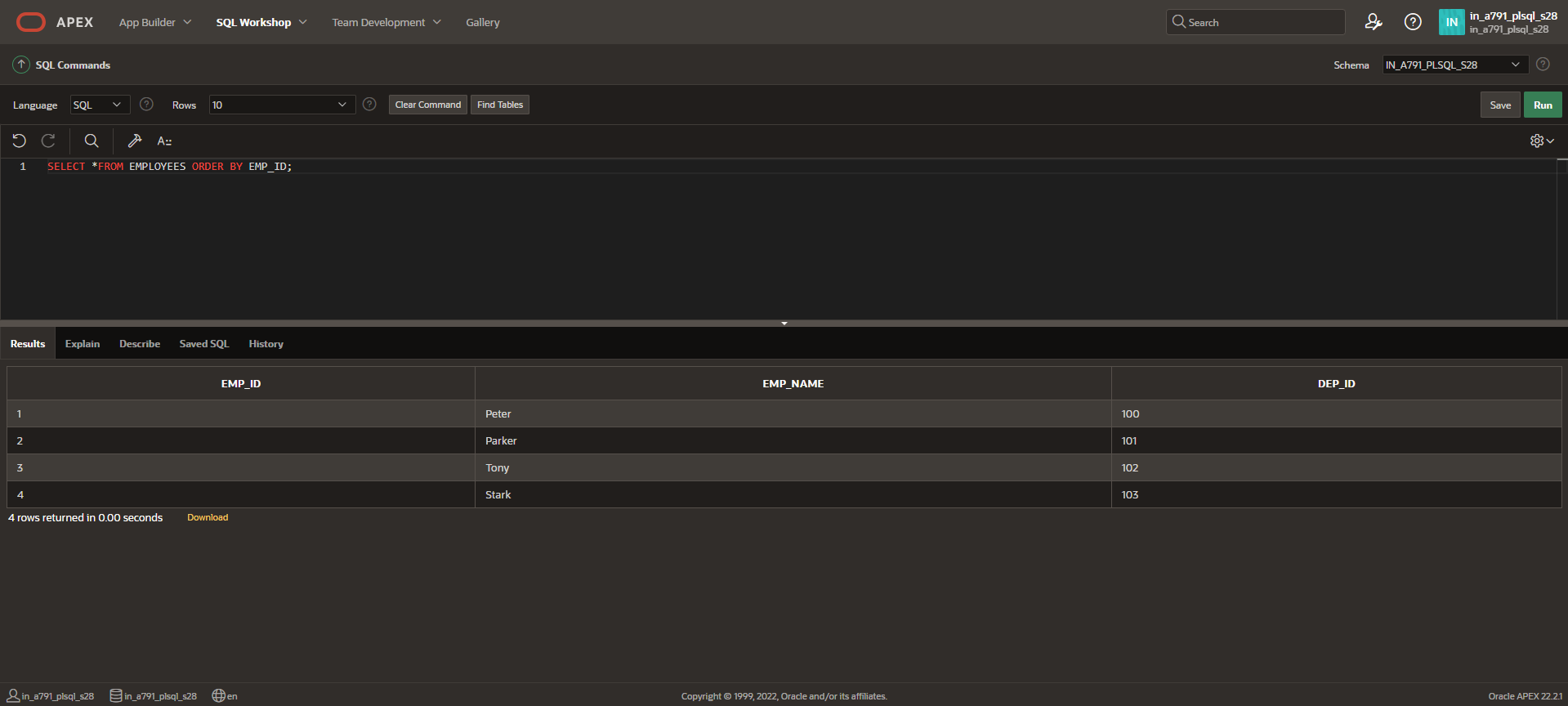
**INSERT INTO EMPLOYEES VALUES (1,'Peter',100);**

**INSERT INTO EMPLOYEES VALUES (2,'Parker',101);**

**INSERT INTO EMPLOYEES VALUES (3,'Tony',102);**

**INSERT INTO EMPLOYEES VALUES (4,'Stark',103);**

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

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**CREATE TABLE DEP1 (DEP\_ID INT PRIMARY KEY,DEP\_NAME VARCHAR(20),FOREIGN KEY (DEP\_ID) REFERENCES EMPLOYEES(DEP\_ID));**

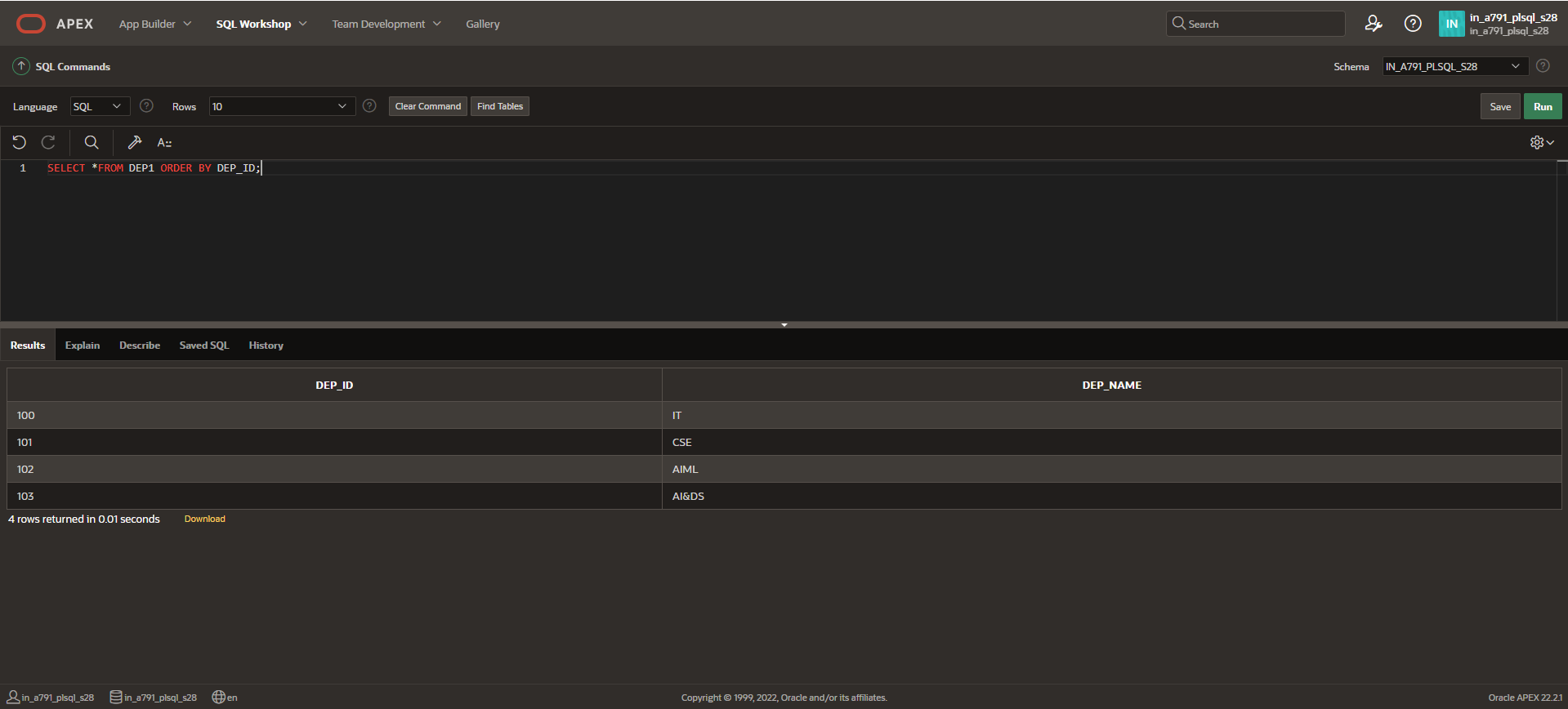
**INSERT INTO DEP1 VALUES (100,'IT');**

**INSERT INTO DEP1 VALUES (101,'CSE');**

**INSERT INTO DEP1 VALUES (102,'AIML');**

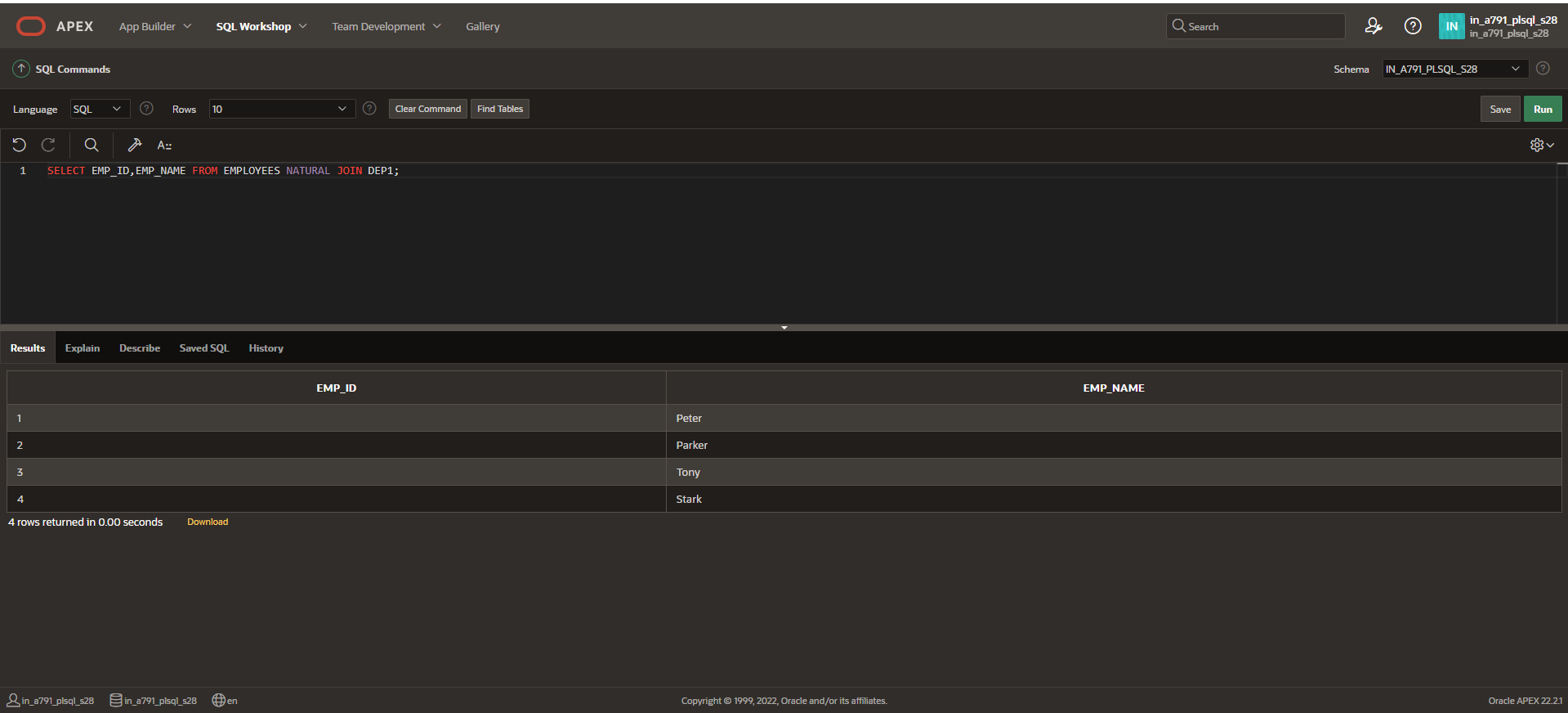
**INSERT INTO DEP1 VALUES (103,'AI&DS');**

**SELECT \*FROM DEP1 ORDER BY DEP\_ID;**

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**NATURAL JOIN**

**SELECT EMP\_ID,EMP\_NAME FROM EMPLOYEES NATURAL JOIN DEP1;**

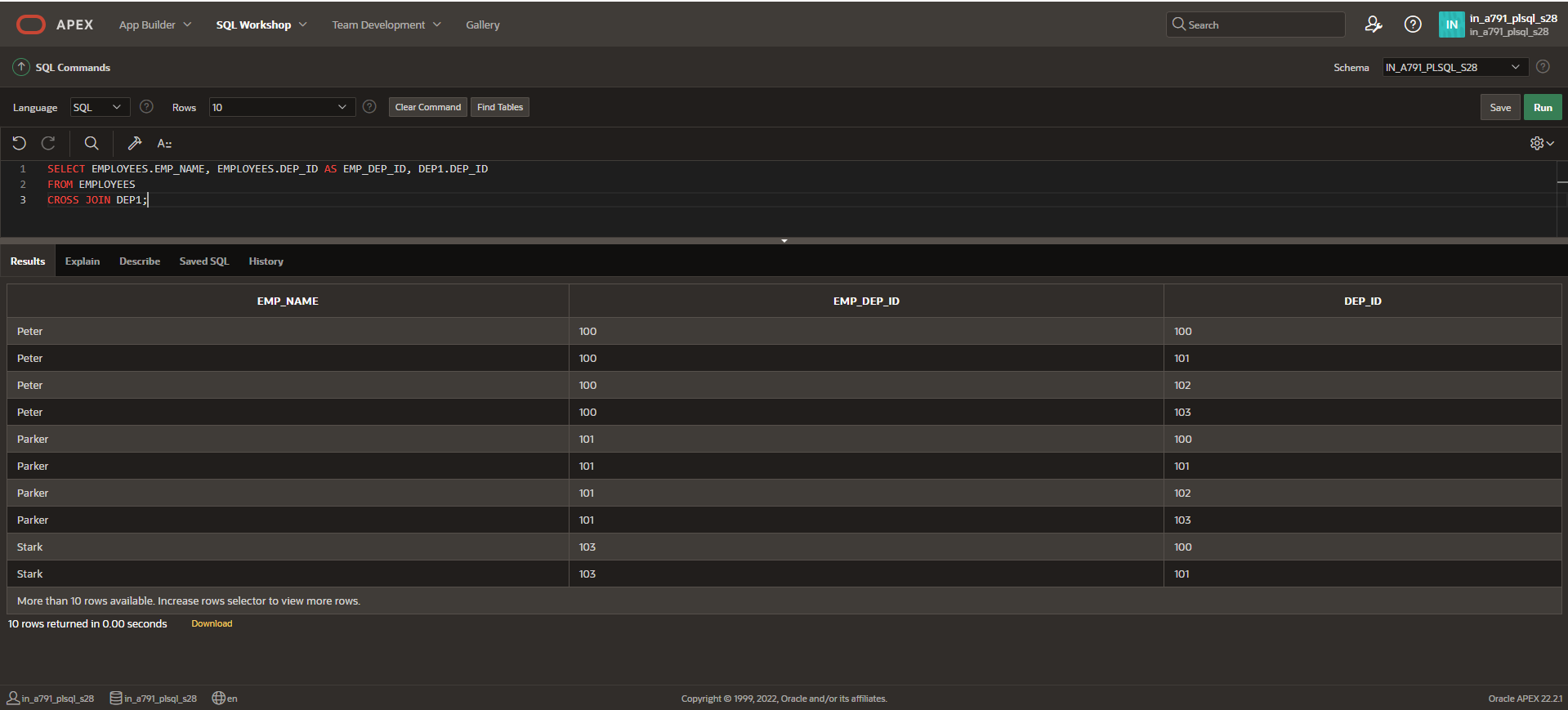
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**CROSS JOIN**

**SELECT EMPLOYEES.EMP\_NAME, EMPLOYEES.DEP\_ID AS EMP\_DEP\_ID, DEP1.DEP\_ID**

**FROM EMPLOYEES**

**CROSS JOIN DEP1;**

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