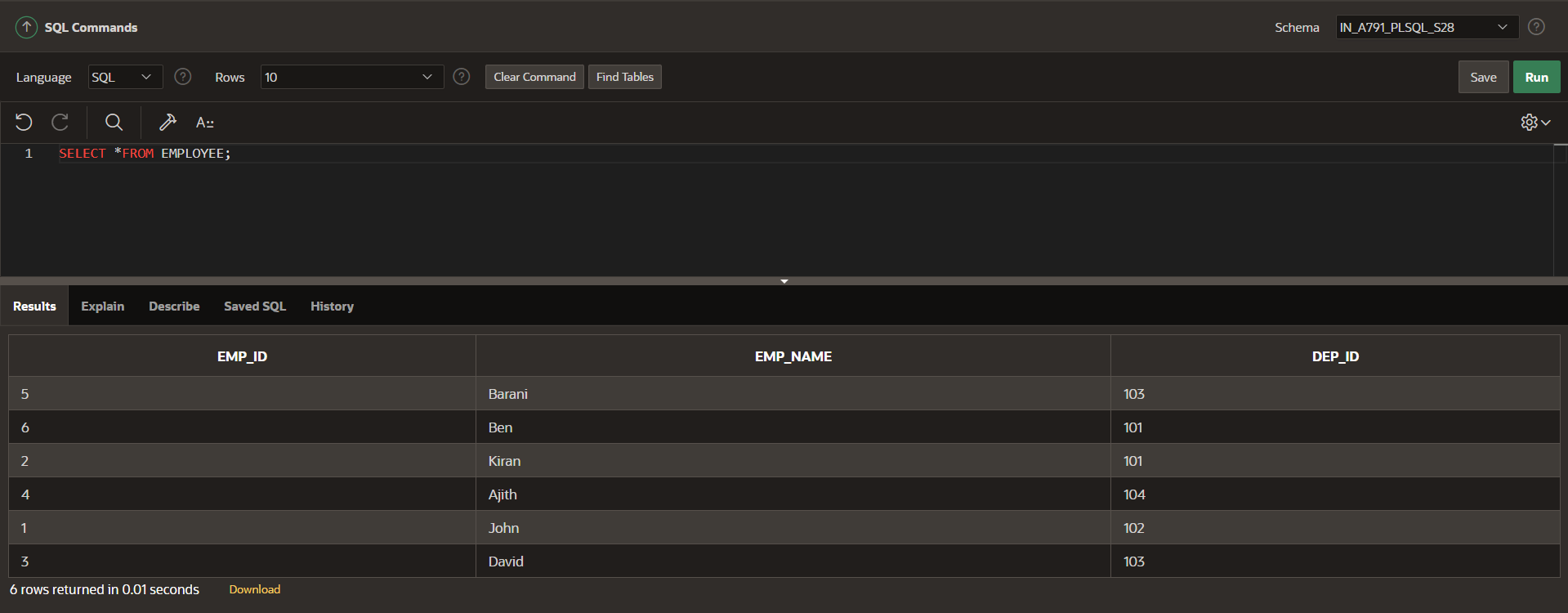
**NAME: JEEVITHA.S-192324020**

**DATABASE MANAGEMENT SYSTEM FOR DATA APPLICATIONS(CSA0555)**

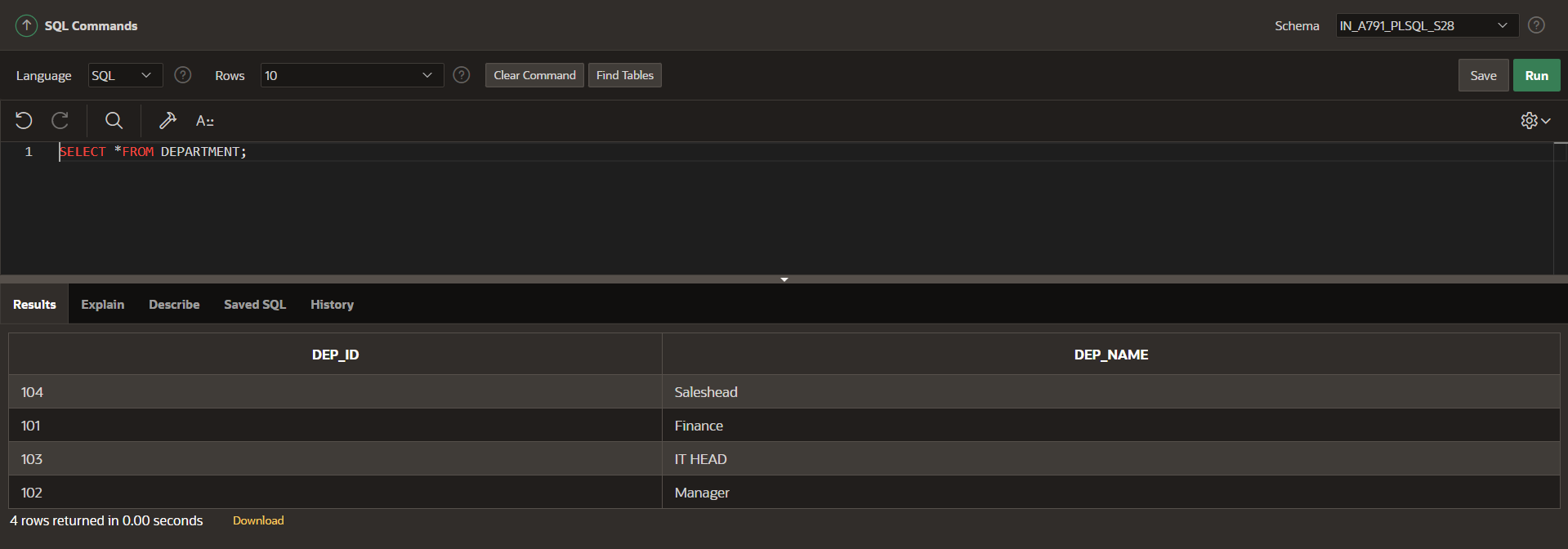
**ASSIGNMENT 5: VIEWS,SYNONYM AND SEQUENCE**

**VIEWS**

SELECT \*FROM EMPLOYEE;

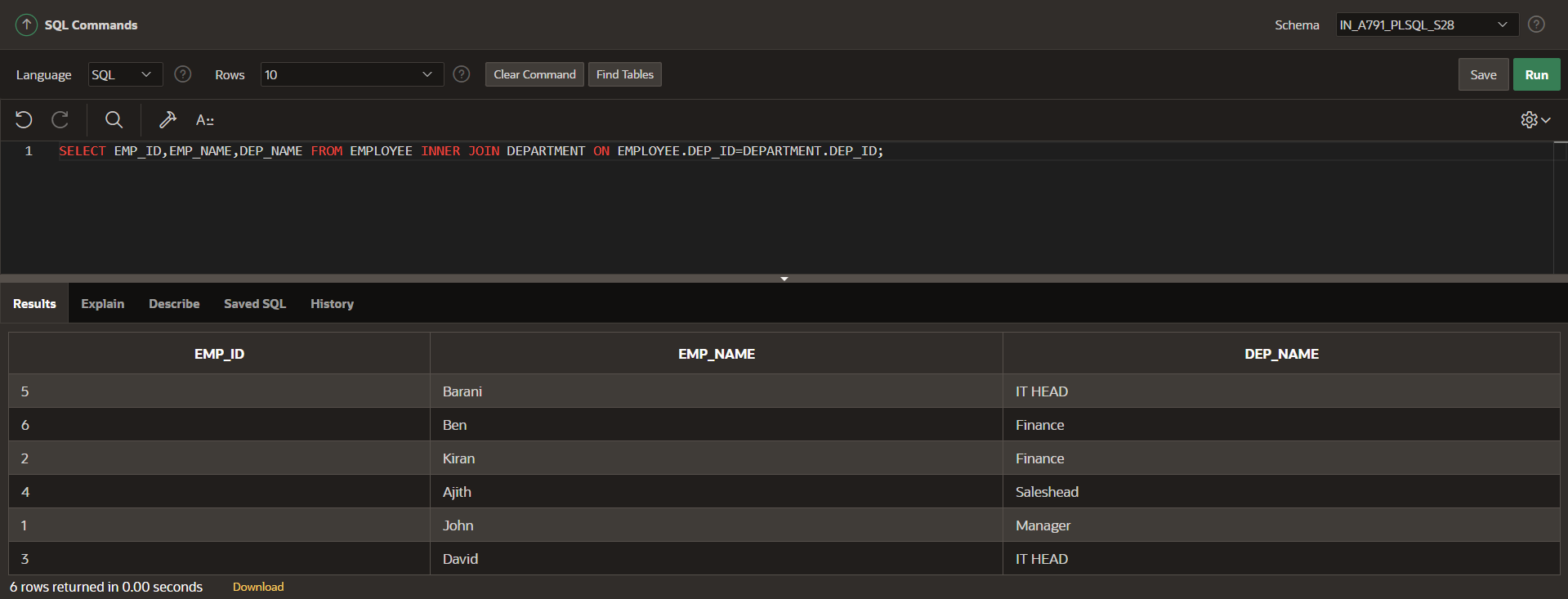
****

SELECT \*FROM DEPARTMENT;

****

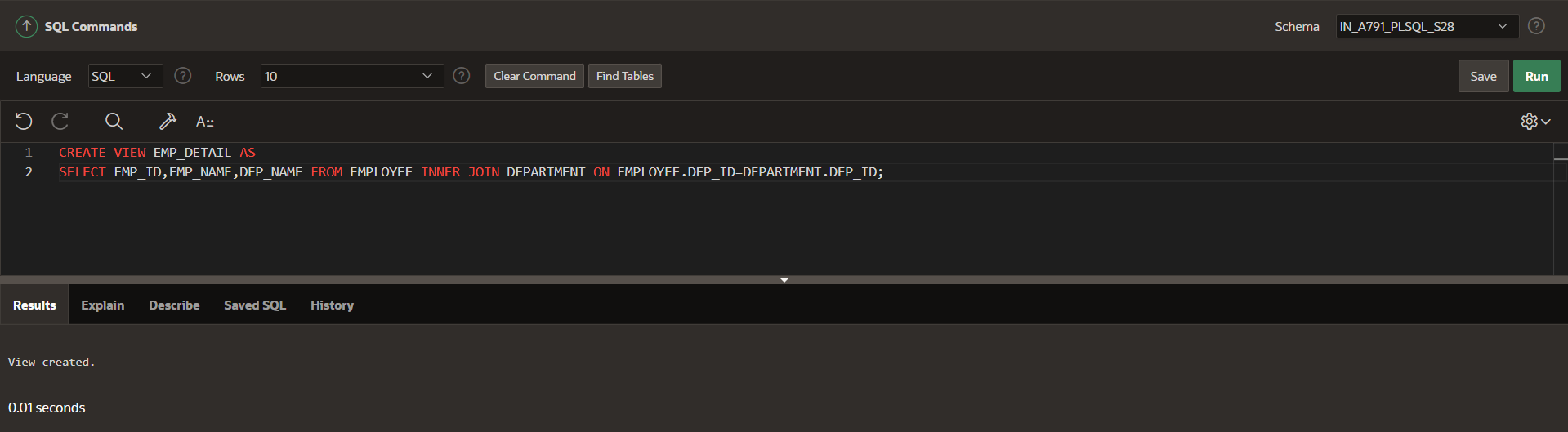
**INNER JOIN:**

SELECT EMP\_ID,EMP\_NAME,DEP\_NAME FROM EMPLOYEE INNER JOIN DEPARTMENT ON EMPLOYEE.DEP\_ID=DEPARTMENT.DEP\_ID;

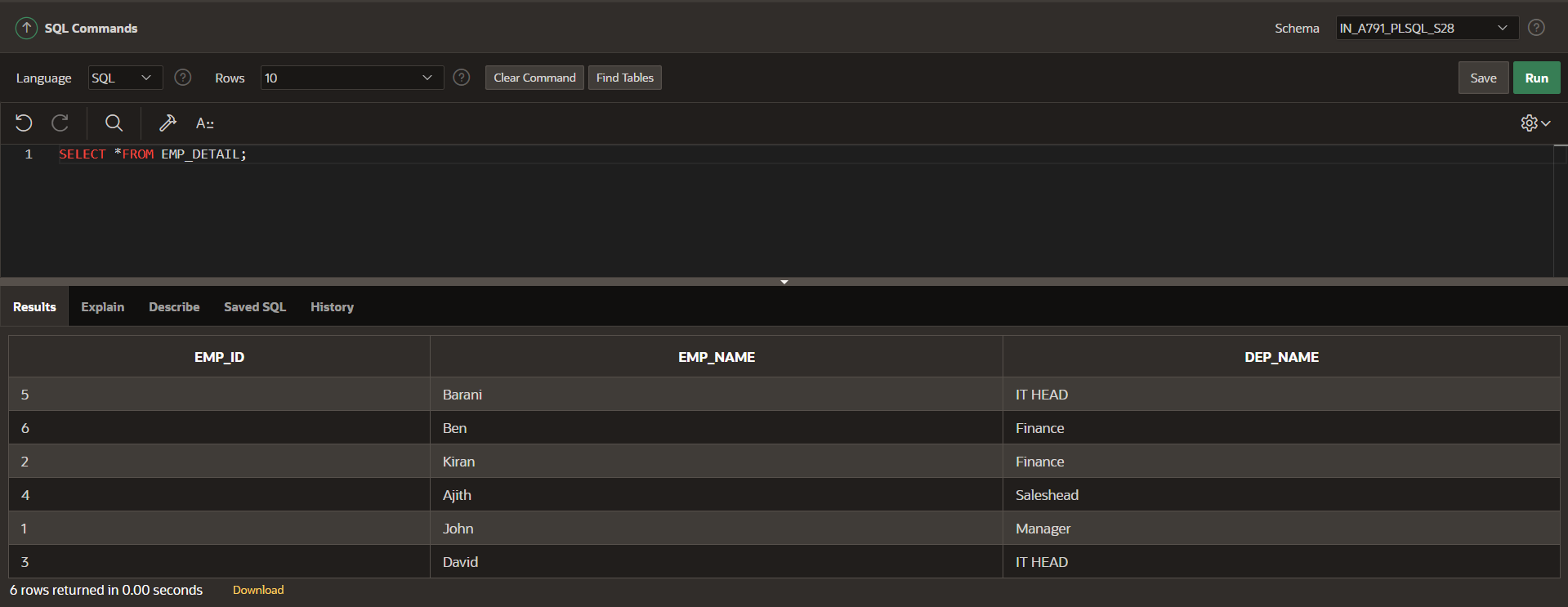
****

**CREATE VIEW EMP\_DETAIL AS**

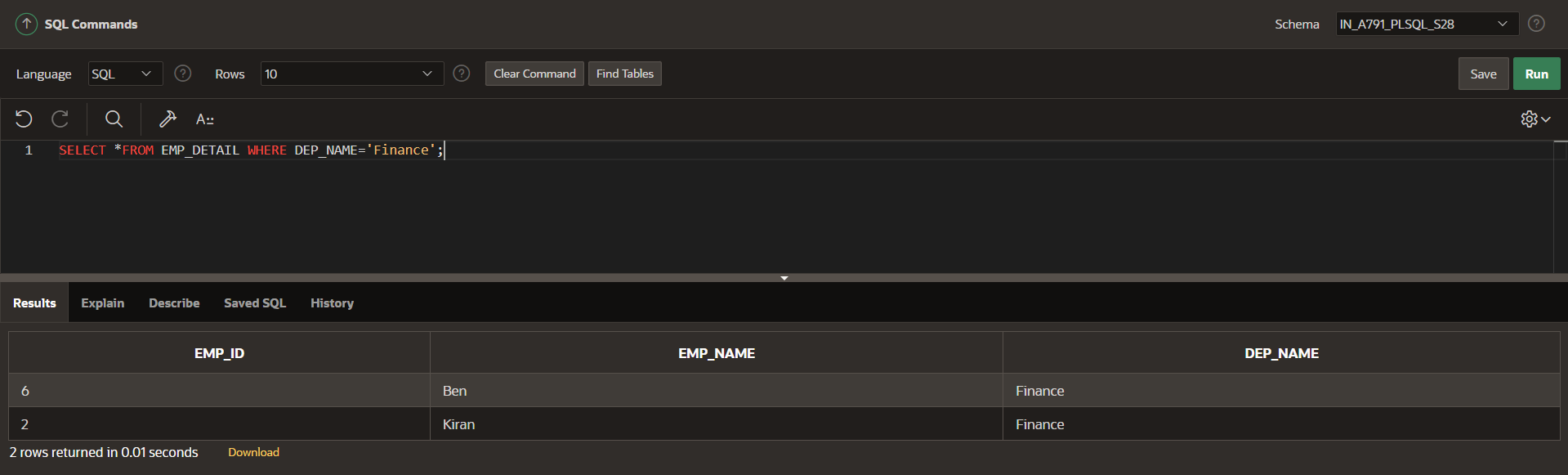
SELECT EMP\_ID,EMP\_NAME,DEP\_NAME FROM EMPLOYEE INNER JOIN DEPARTMENT ON EMPLOYEE.DEP\_ID=DEPARTMENT.DEP\_ID;

****

SELECT \*FROM EMP\_DETAIL;

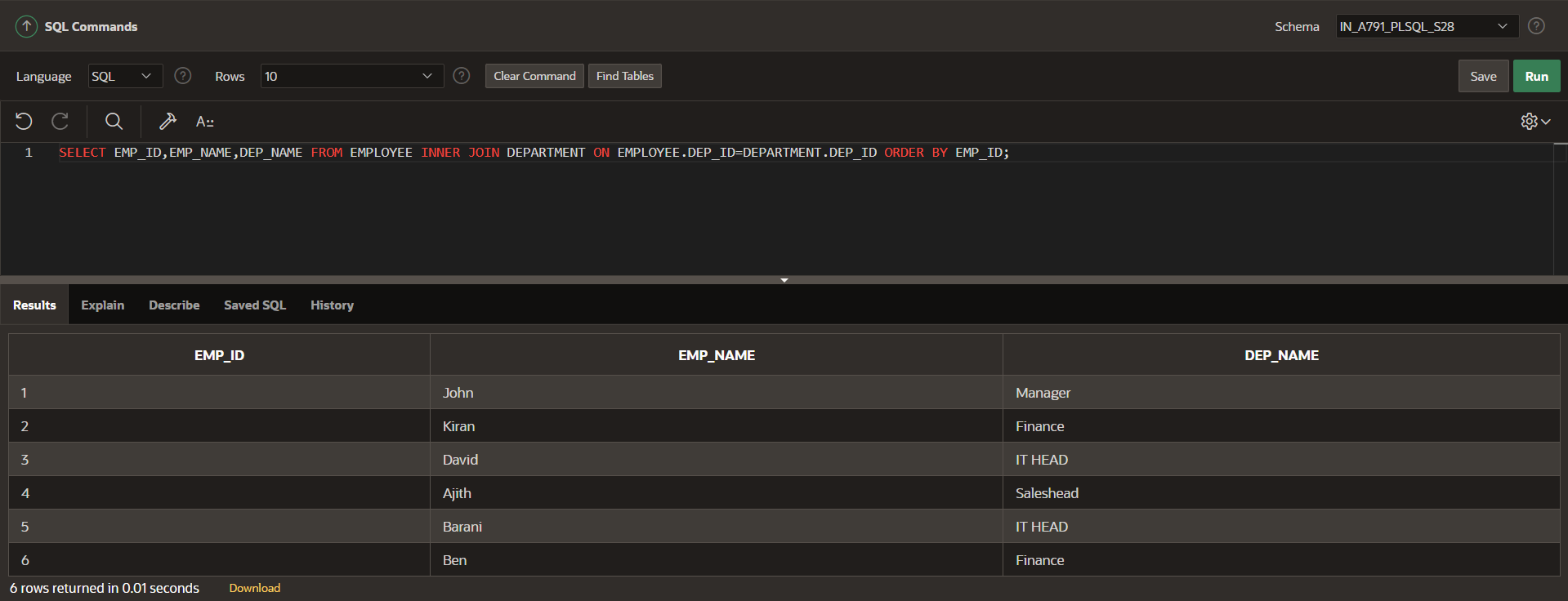
****

SELECT \*FROM EMP\_DETAIL WHERE DEP\_NAME='Finance';

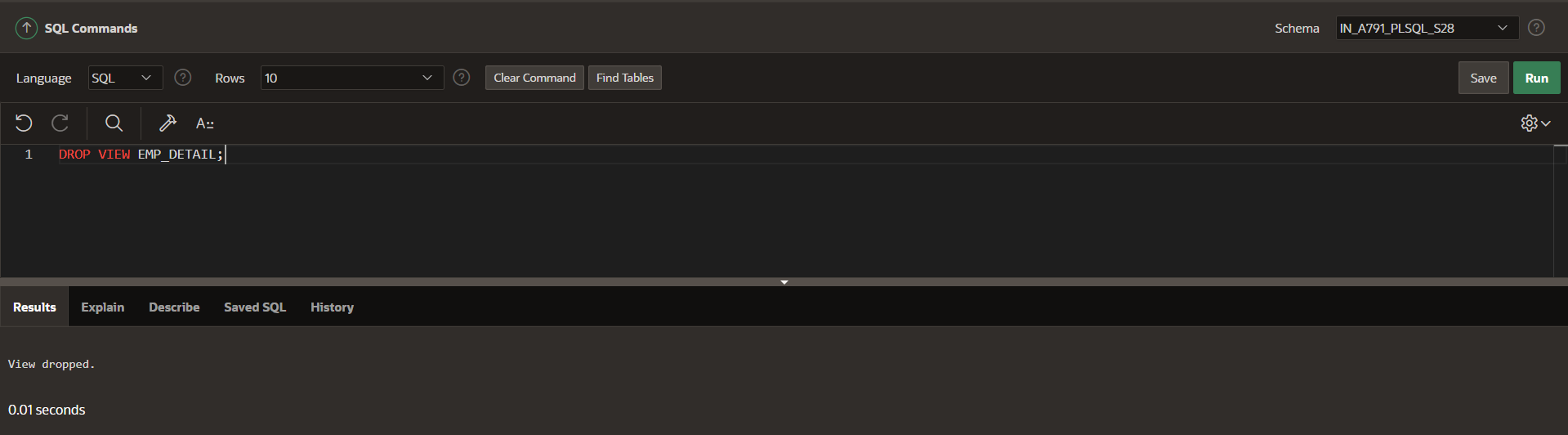
****

**CREATE OR REPLACE VIEW EMP\_DETAIL AS**

SELECT EMP\_ID,EMP\_NAME,DEP\_NAME FROM EMPLOYEE INNER JOIN DEPARTMENT ON EMPLOYEE.DEP\_ID=DEPARTMENT.DEP\_ID ORDER BY EMP\_ID;

****

**DROP VIEW EMP\_DETAIL;**

****

**SEQUENCE**

CREATE SEQUENCE seq1

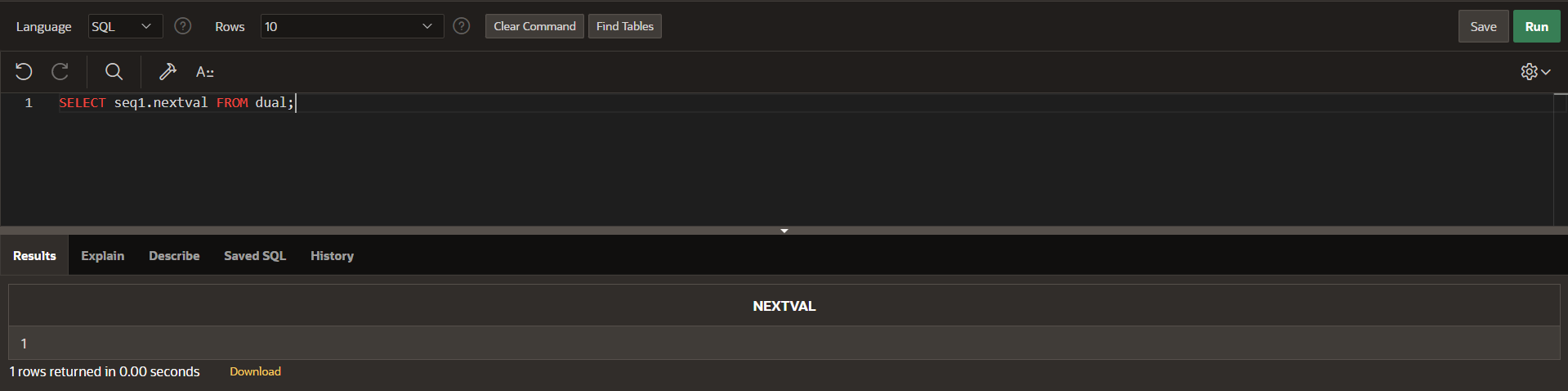
START WITH 1

INCREMENT BY 1

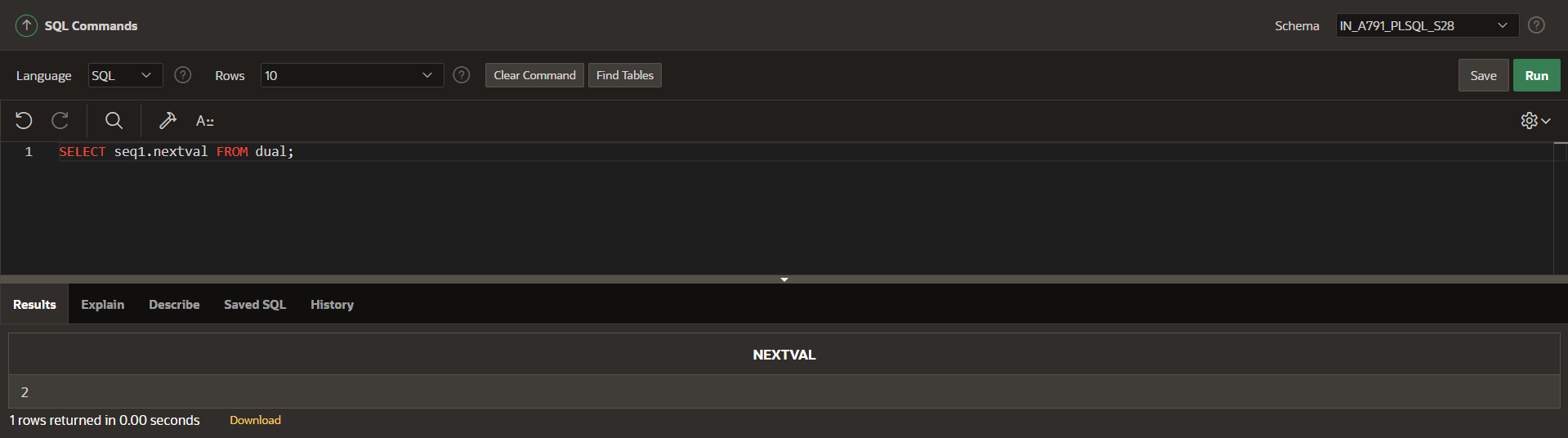
MINVALUE 1

MAXVALUE 5;

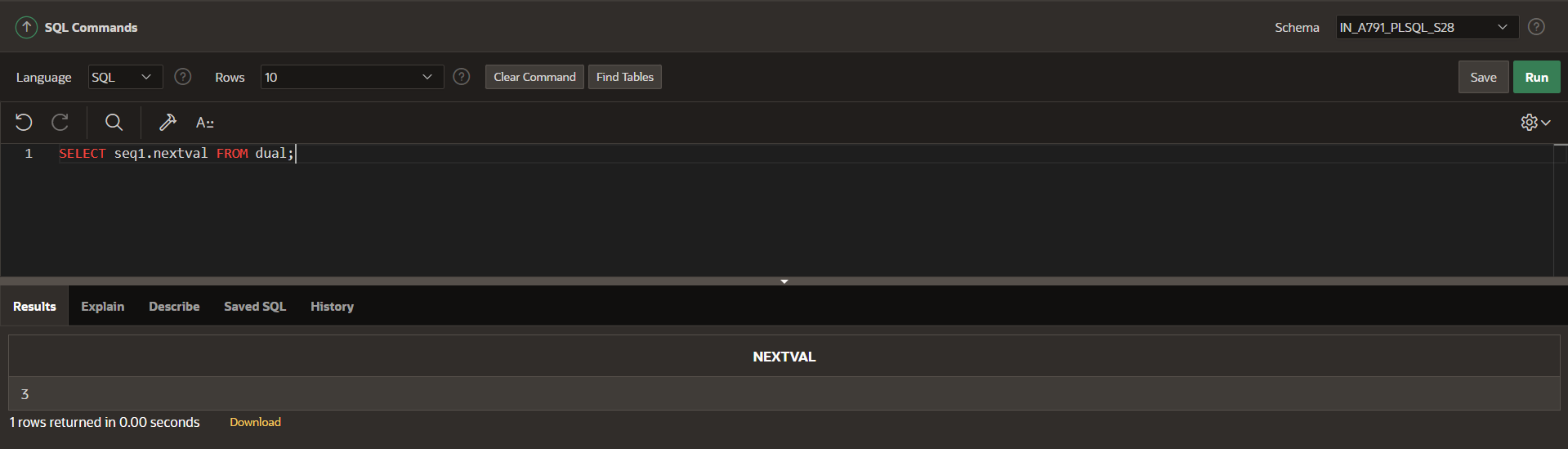
SELECT seq1.nextval FROM dual;

****

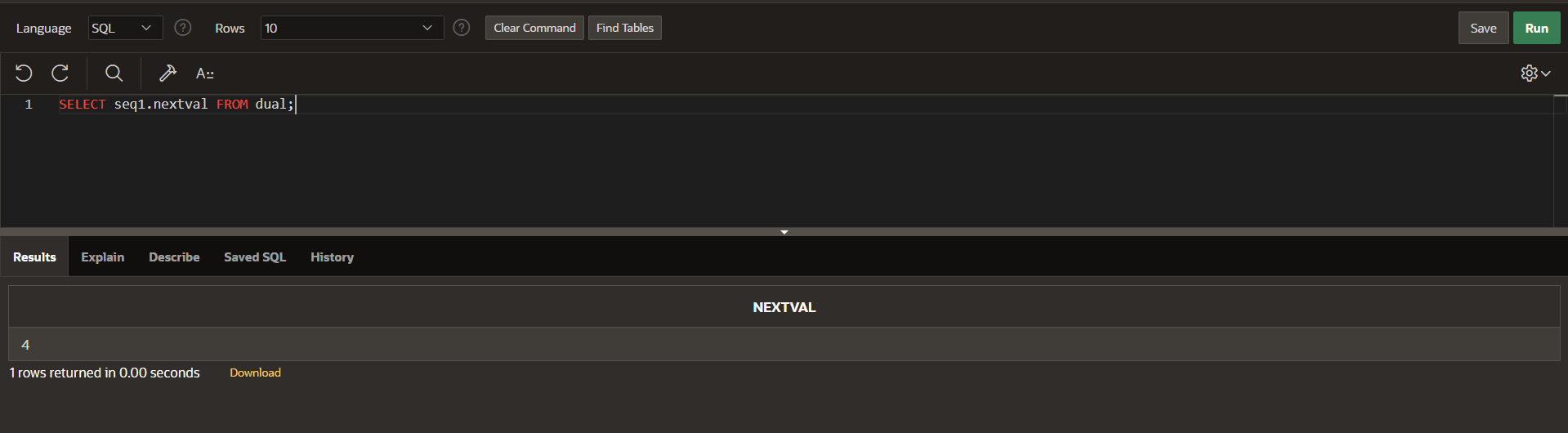
SELECT seq1.nextval FROM dual;

****

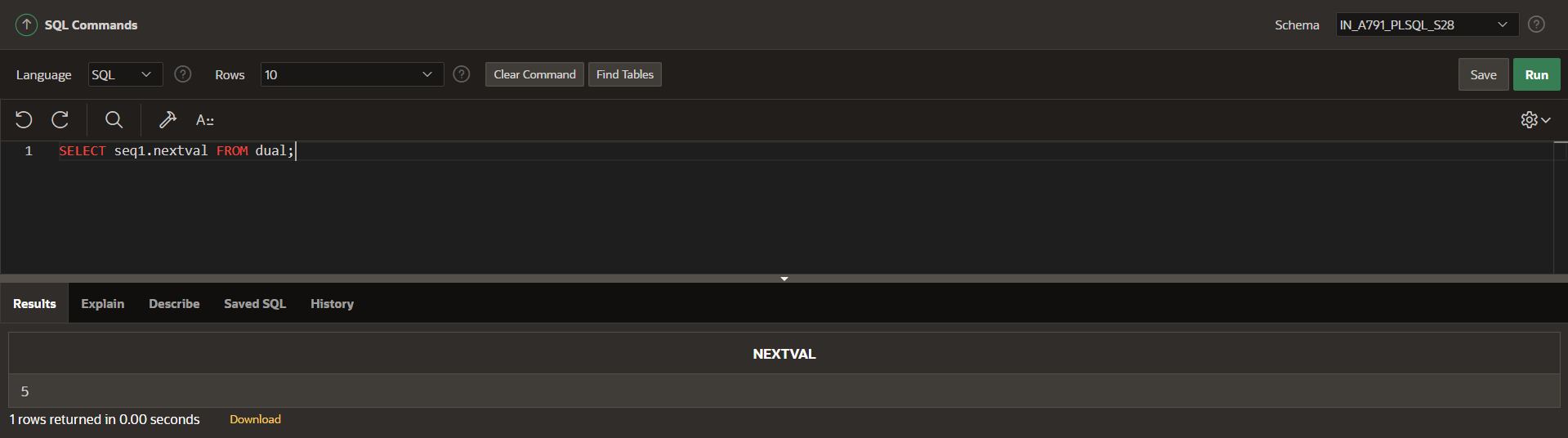
SELECT seq1.nextval FROM dual;

****

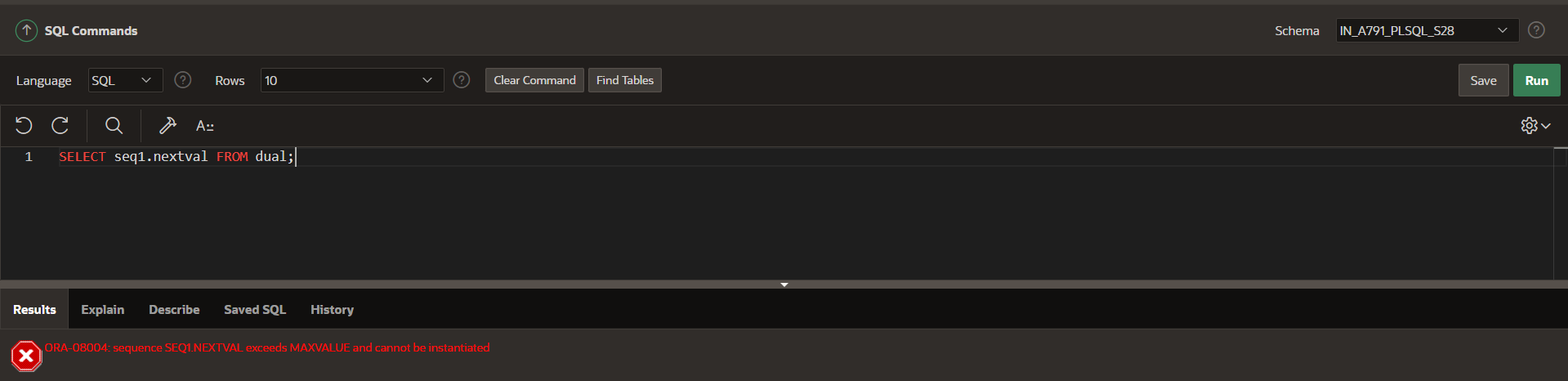
SELECT seq1.nextval FROM dual;

****

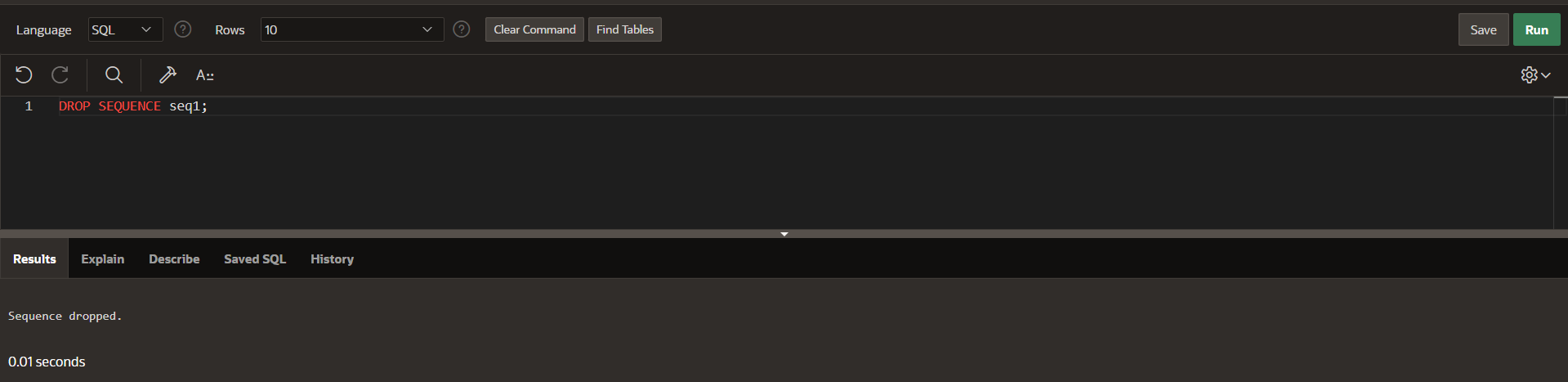
SELECT seq1.nextval FROM dual;

****

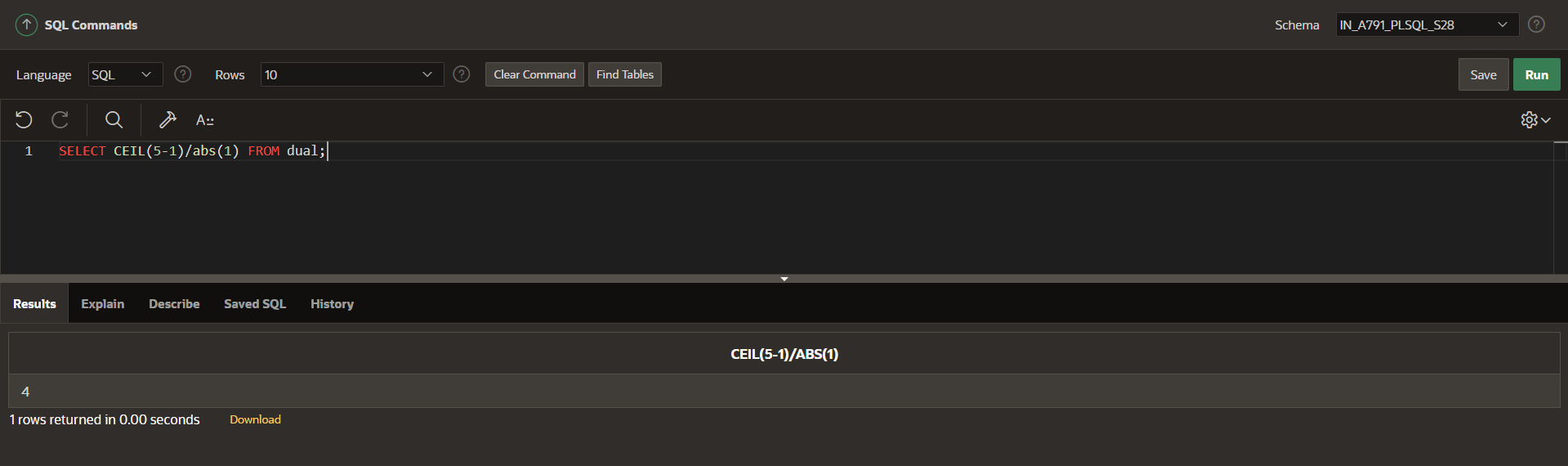
THE MAXVALUE SHOULD BE REACHED

****

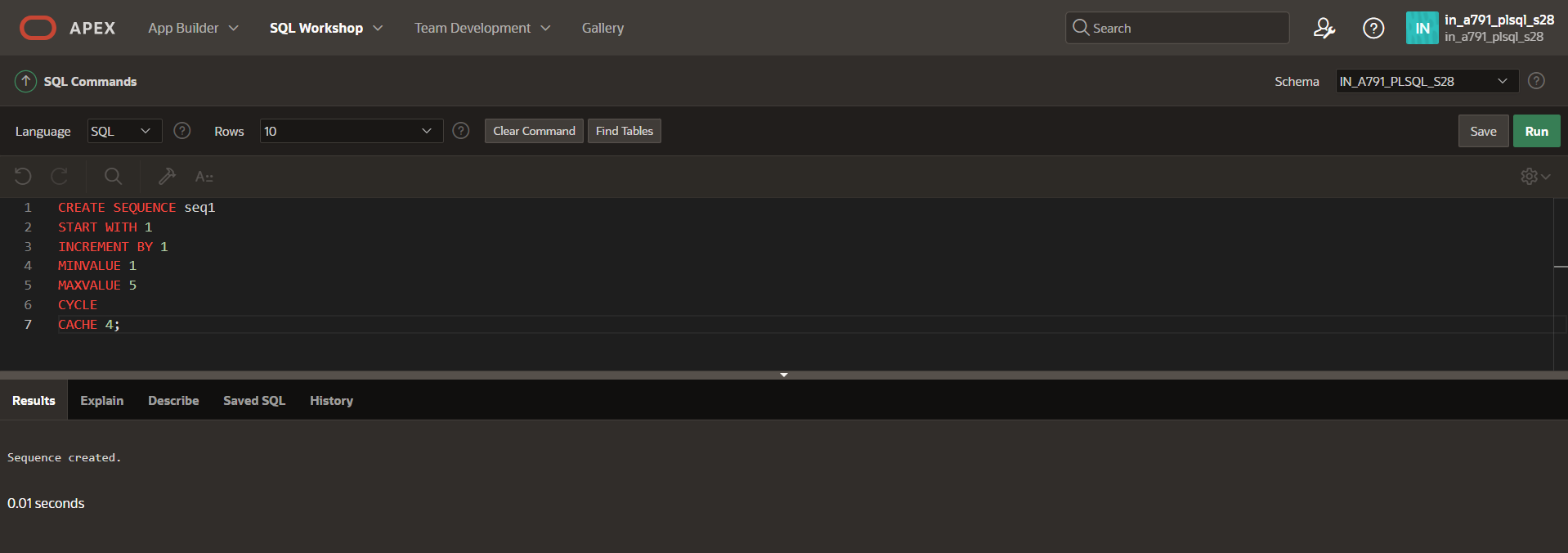
**DROP THE SEQUENCE**

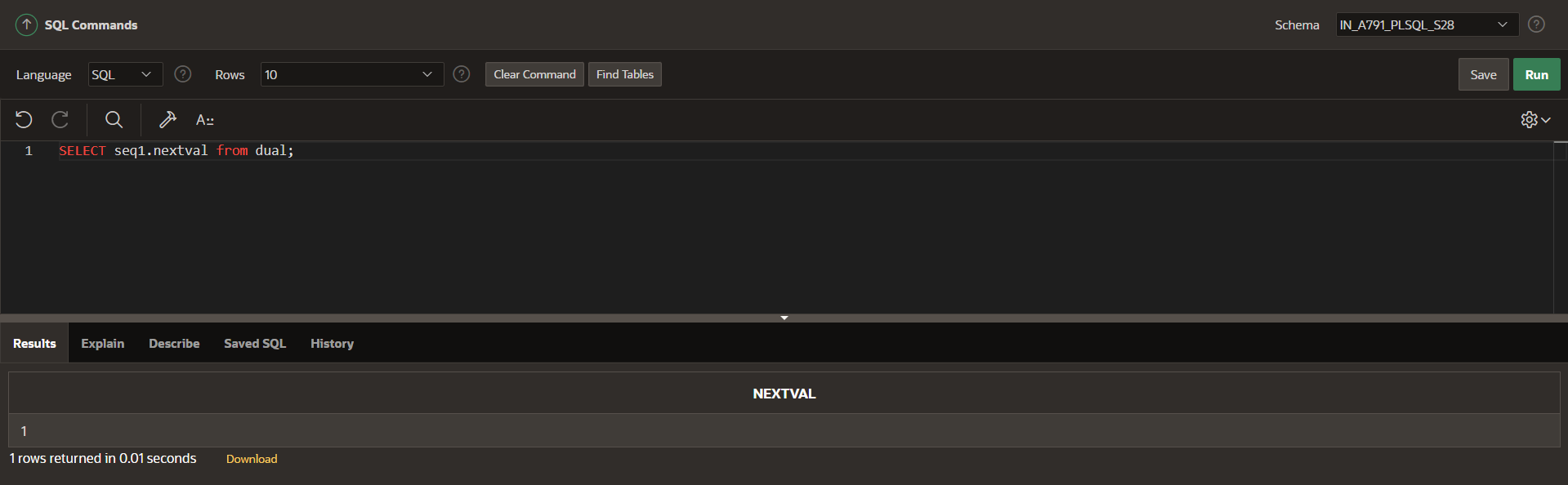
****

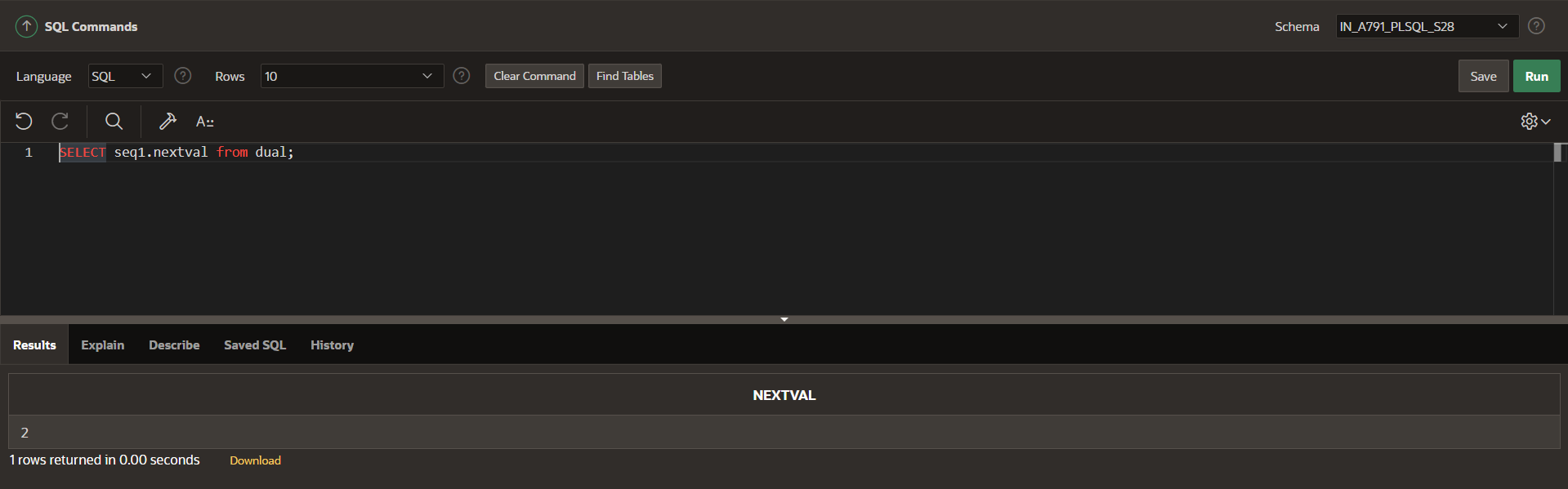
**YOU SHOULD CONTINUE THE SEQUENCE MUST FIND THE CACHE.**

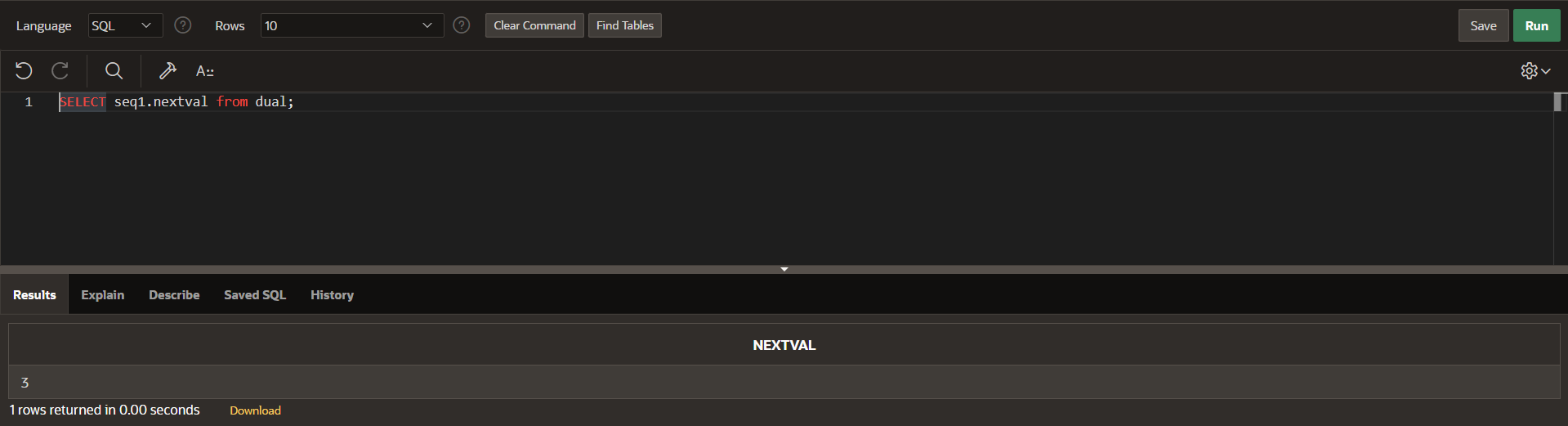
****

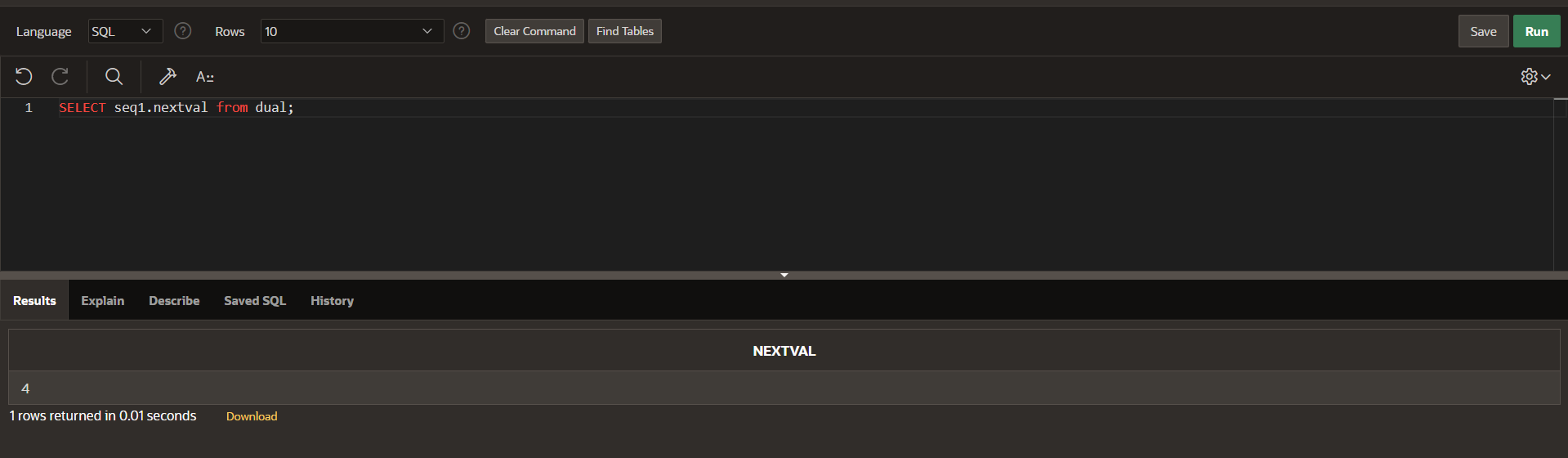
**AFTER**

****

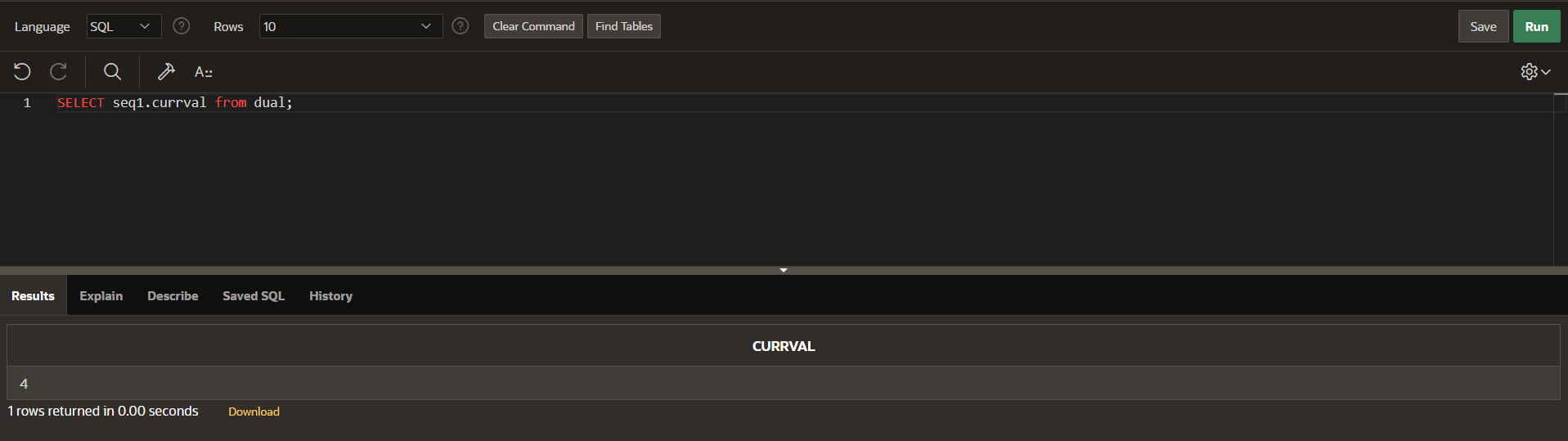
****

****

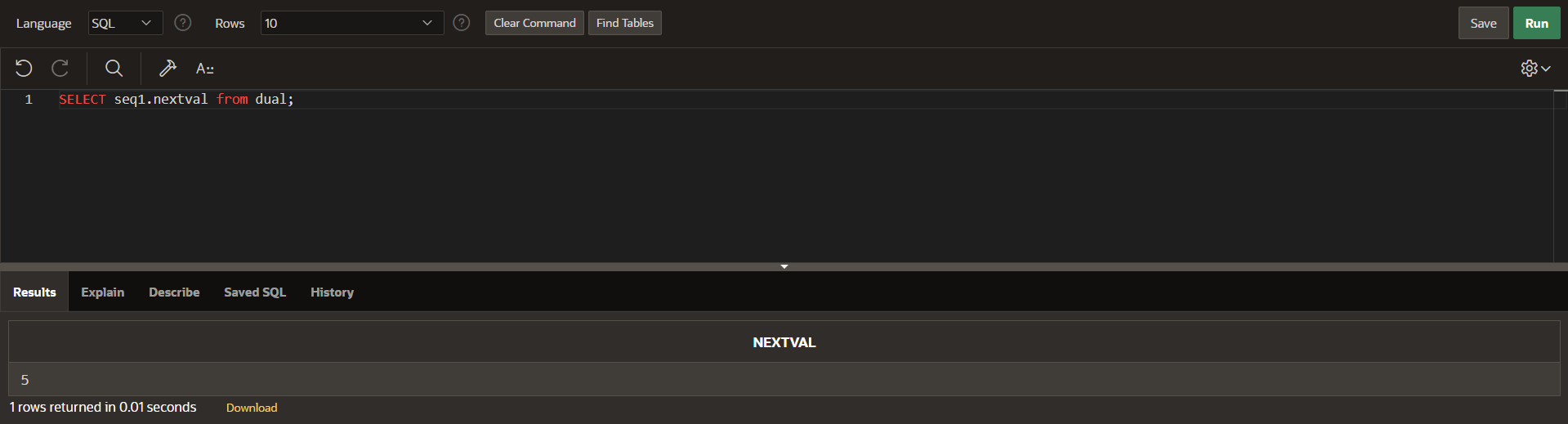
****

****

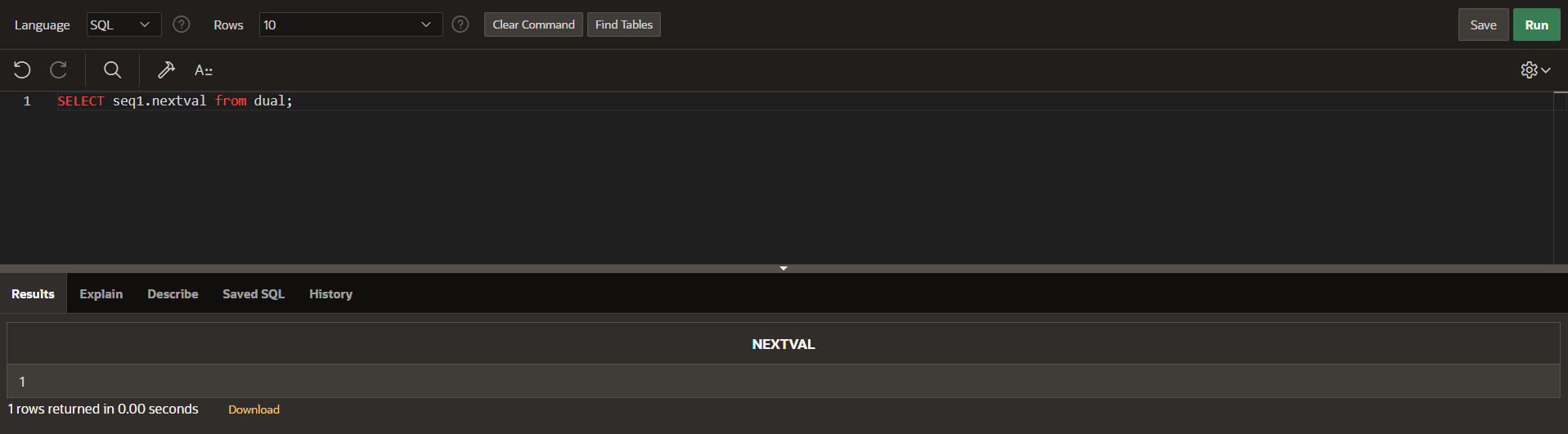
**CURRENT VALUE:**

****

**NEXT VALUE:**

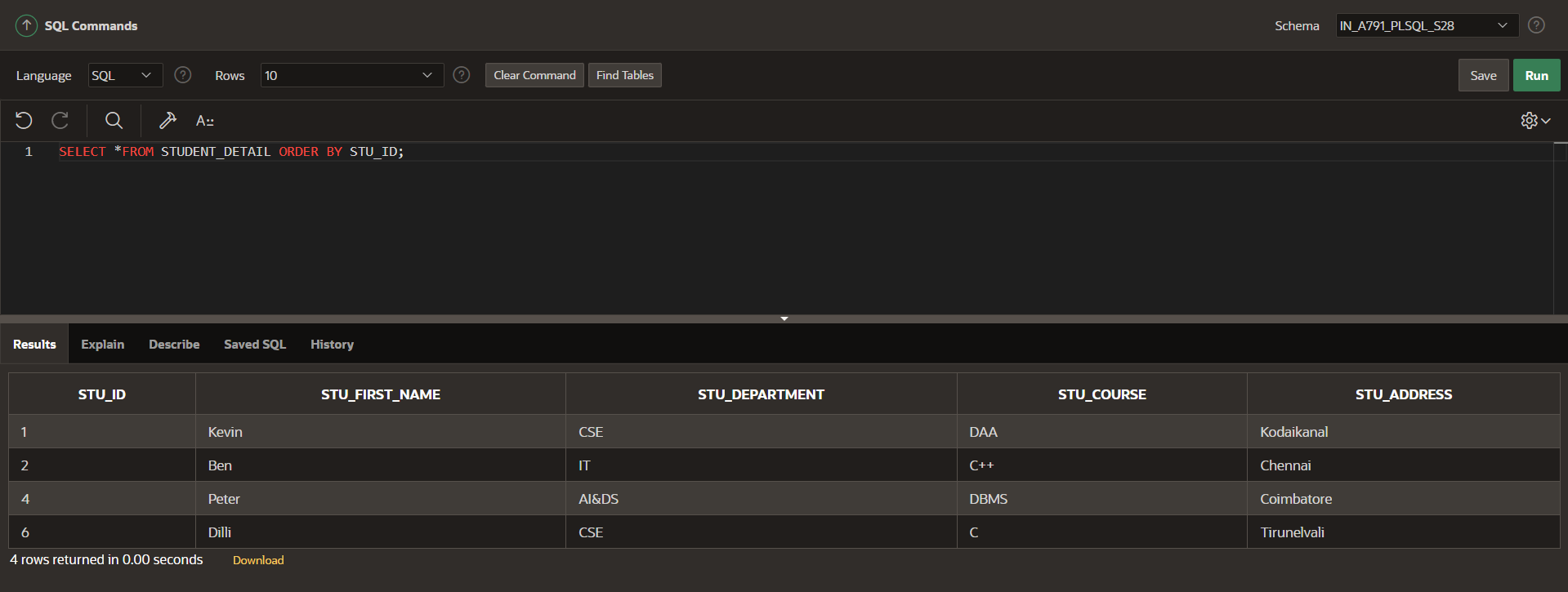
****

**IT START WITH 1 BECAUSE THE CYCLE AND CACHE ARE INVOLVED IN THE SYNTAX.**

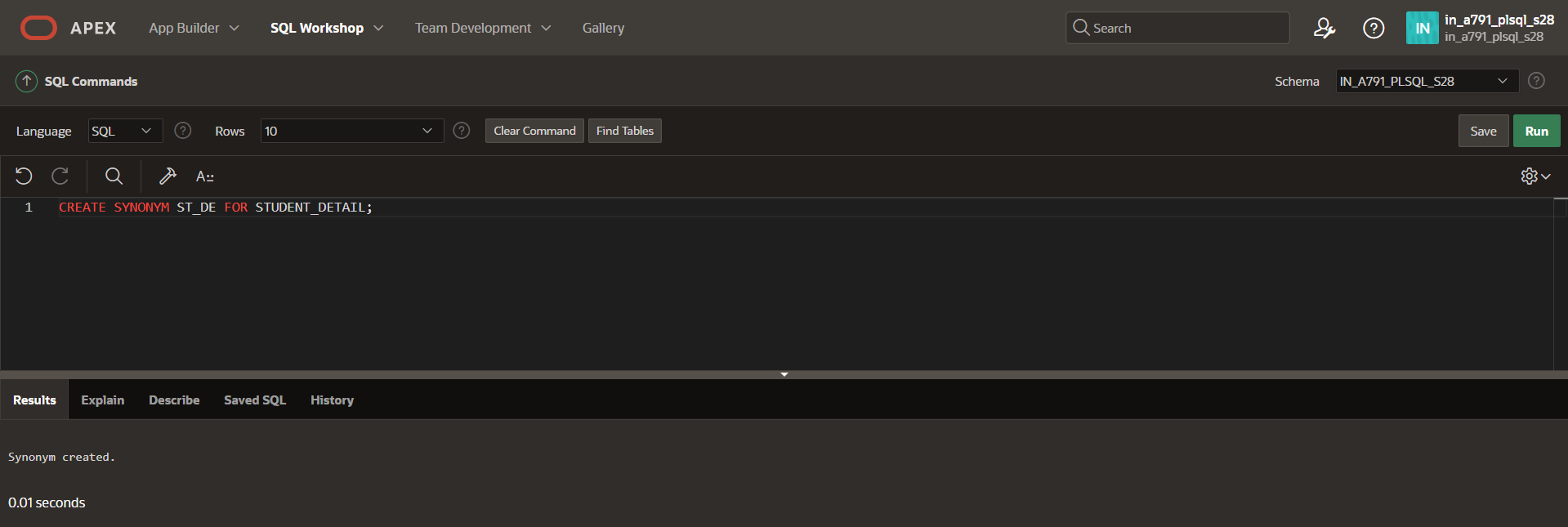
****

**SYNONYM**

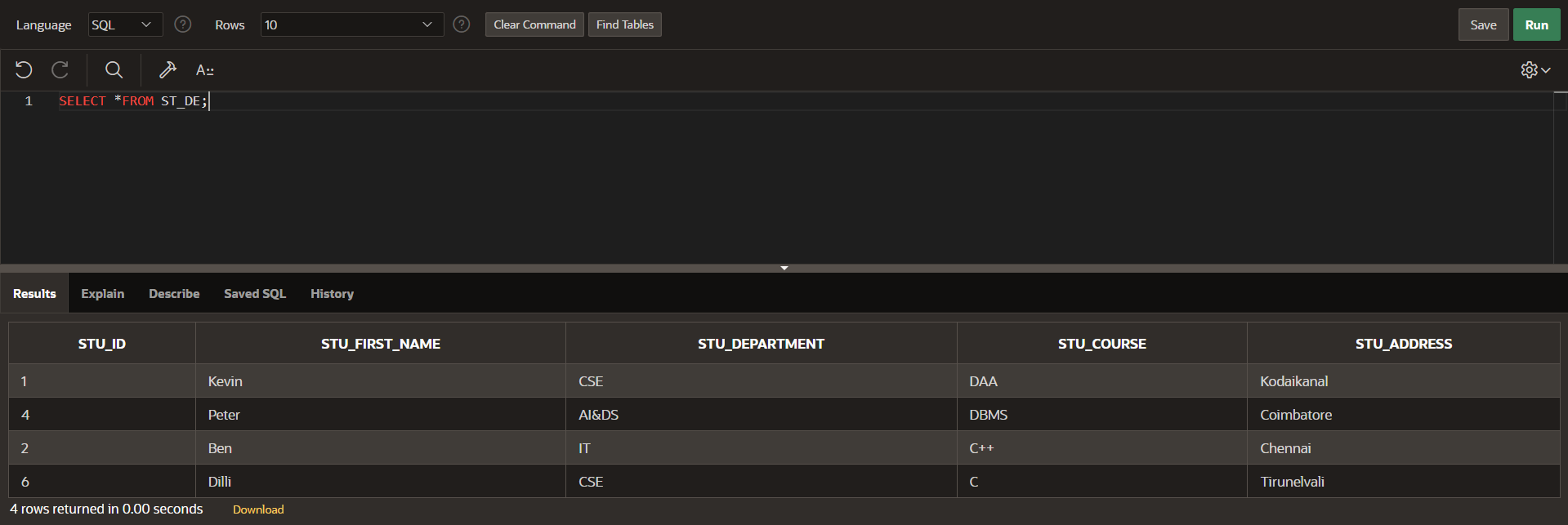
SELECT \*FROM STUDENT\_DETAIL ORDER BY STU\_ID;

****

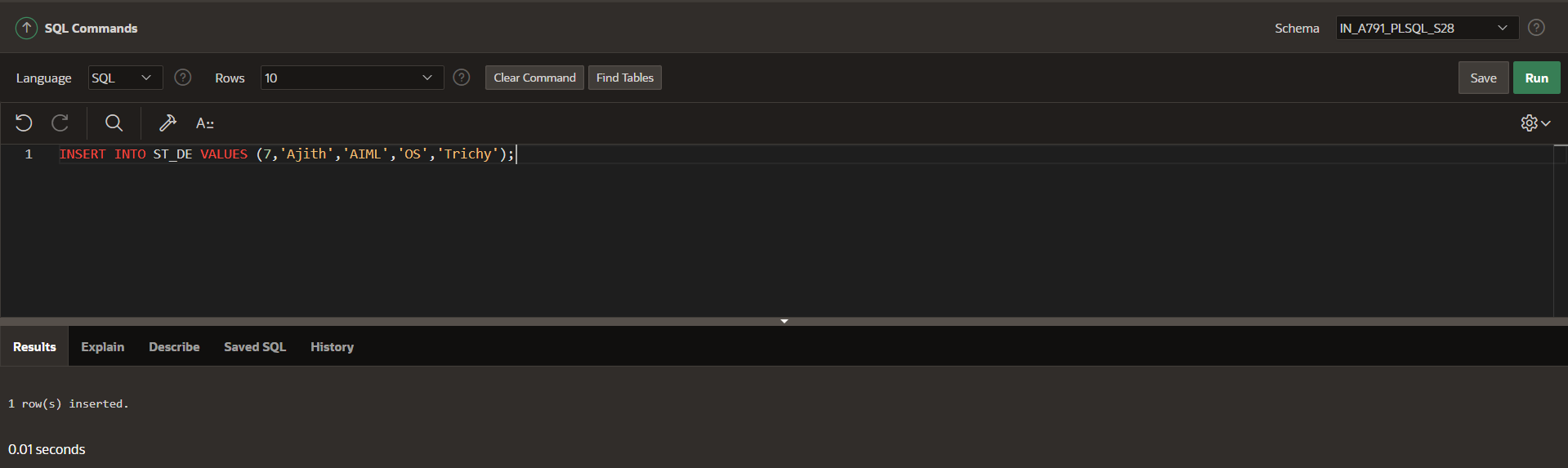
CREATE SYNONYM ST\_DE FOR STUDENT\_DETAIL;

****

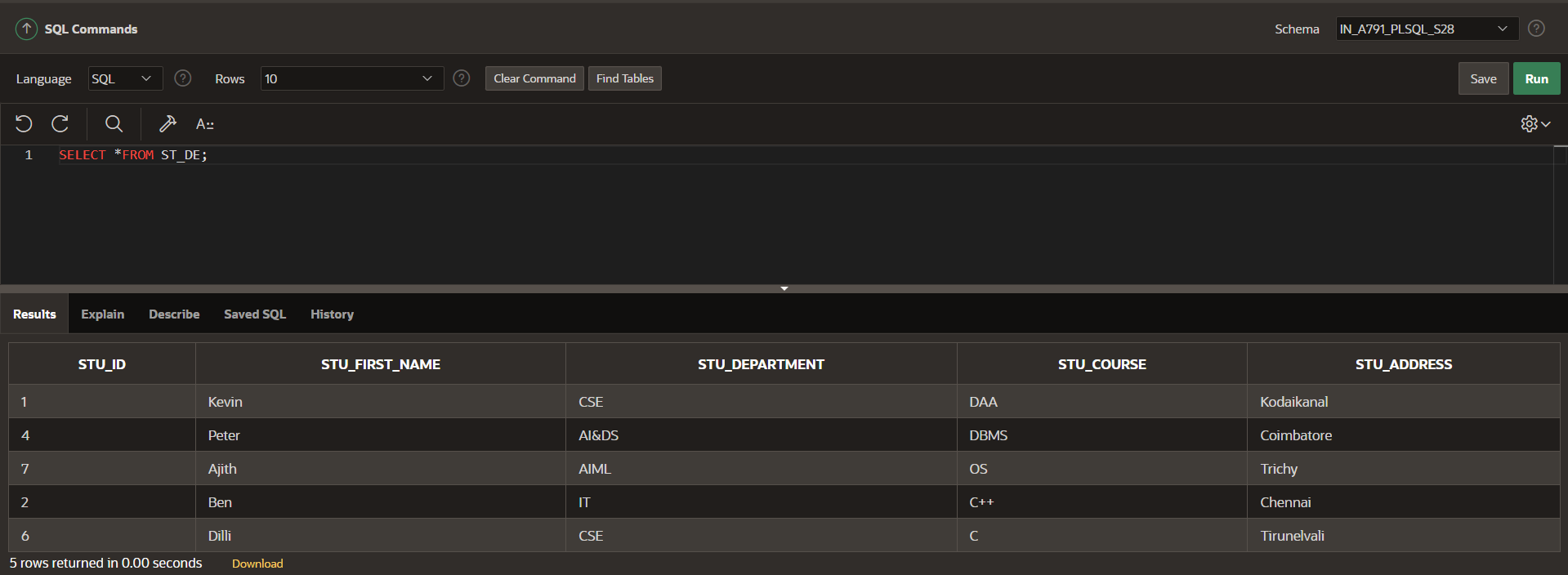
SELECT \*FROM ST\_DE;

****

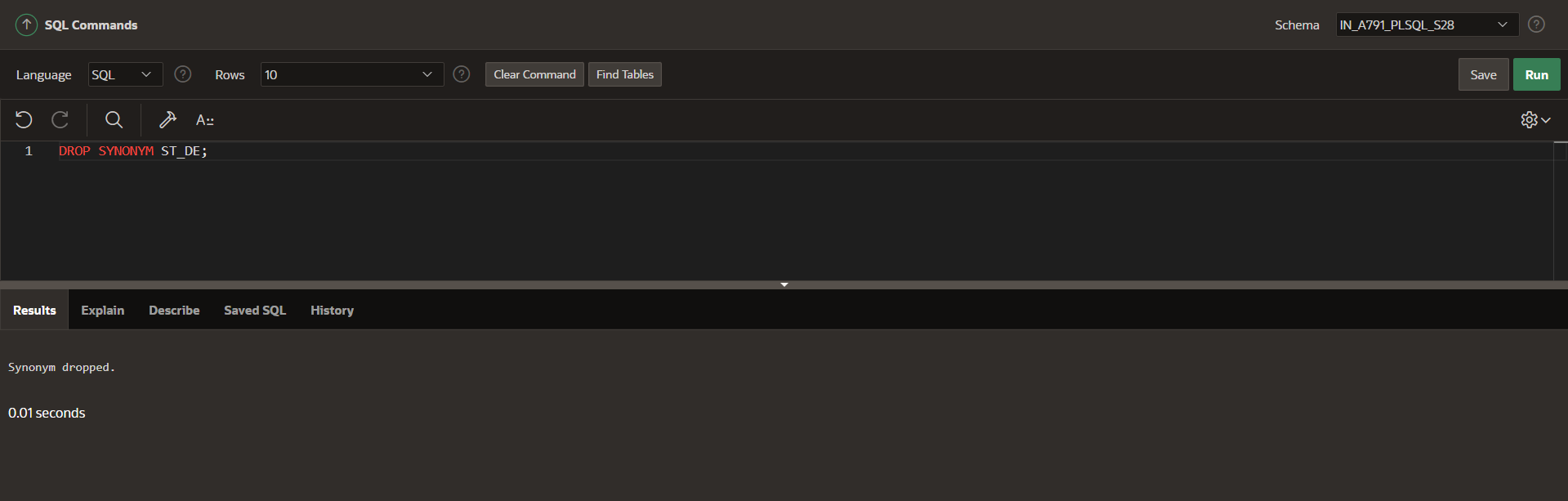
INSERT INTO ST\_DE VALUES (7,'Ajith','AIML','OS','Trichy');

****

SELECT \*FROM ST\_DE;

****

**DROP:**

****