**21.b.)Update a Column When the Total is Above 80 is Distinction,Above 60 is First Class,Above 50 is Second Class.**

**CREATE TABLE Stu\_det (**

**stu\_id INT PRIMARY KEY,**

**stu\_name VARCHAR(100),**

**stu\_dep VARCHAR(100),**

**dep\_id INT**

**);**

**INSERT INTO STU\_DET VALUES(1,'Abhilaash','CSE',10);**

**INSERT INTO STU\_DET VALUES(2,'Ajmal','CSE',10);**

**INSERT INTO STU\_DET VALUES(3,'harsha','CSE',20);**

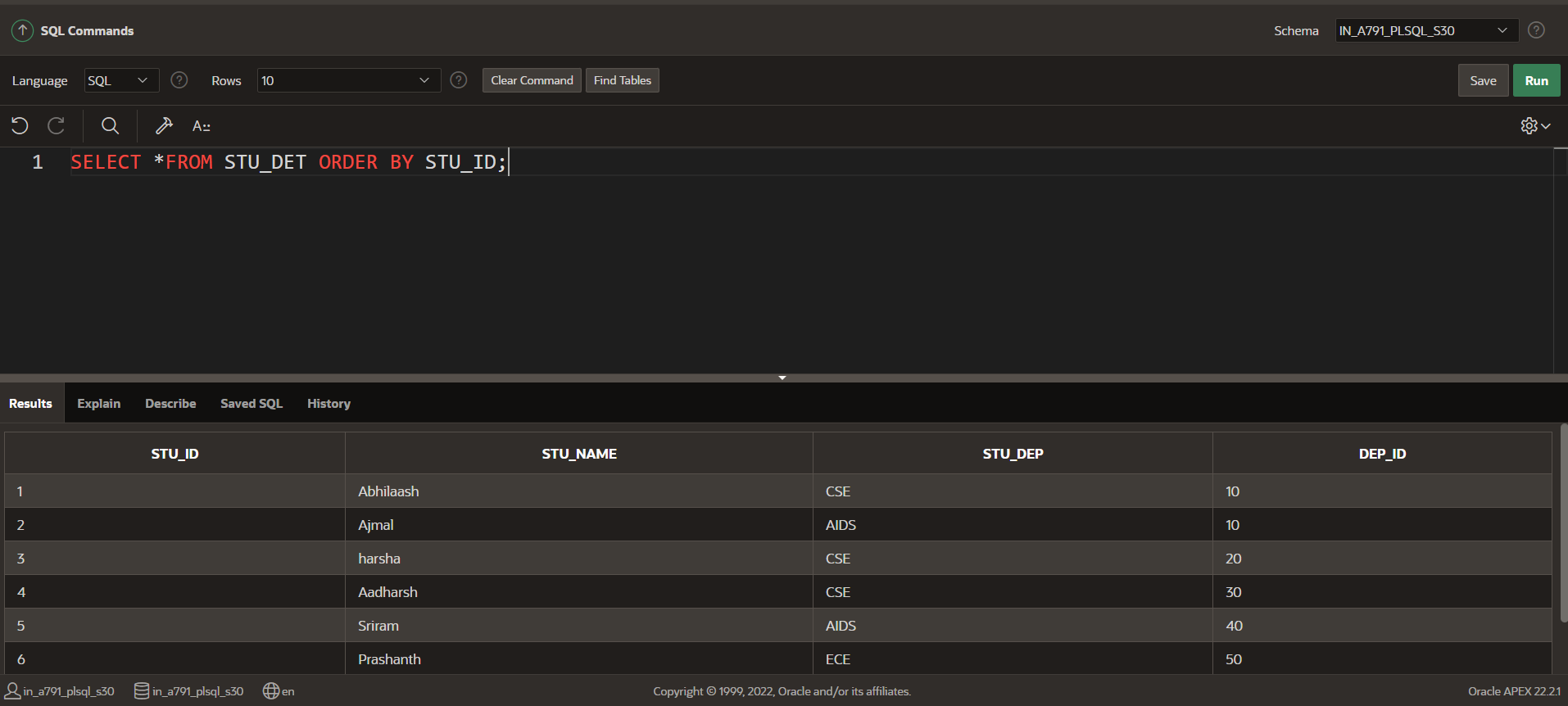
**INSERT INTO STU\_DET VALUES(4,'Aadharsh','CSE',30);**

**INSERT INTO STU\_DET VALUES(5,'Sriram','AIDS',40);**

**INSERT INTO STU\_DET VALUES(6,'Prashanth','ECE',50);**

**INSERT INTO STU\_DET VALUES(7,'Prakash','EcE',60);**

**SELECT \*FROM STU\_DET ORDER BY STU\_ID;**

****

**CREATE TABLE M\_D(stu\_id INT,Total\_mark INT,Grade VARCHAR(20),FOREIGN KEY (stu\_id) REFERENCES Stu\_det(stu\_id));**

**INSERT INTO M\_D VALUES(1,81,'DISTINCTION’);**

**INSERT INTO M\_D VALUES(2,88,' DISTINCTION ');**

**INSERT INTO M\_D VALUES(3,65,'FIRST CLASS');**

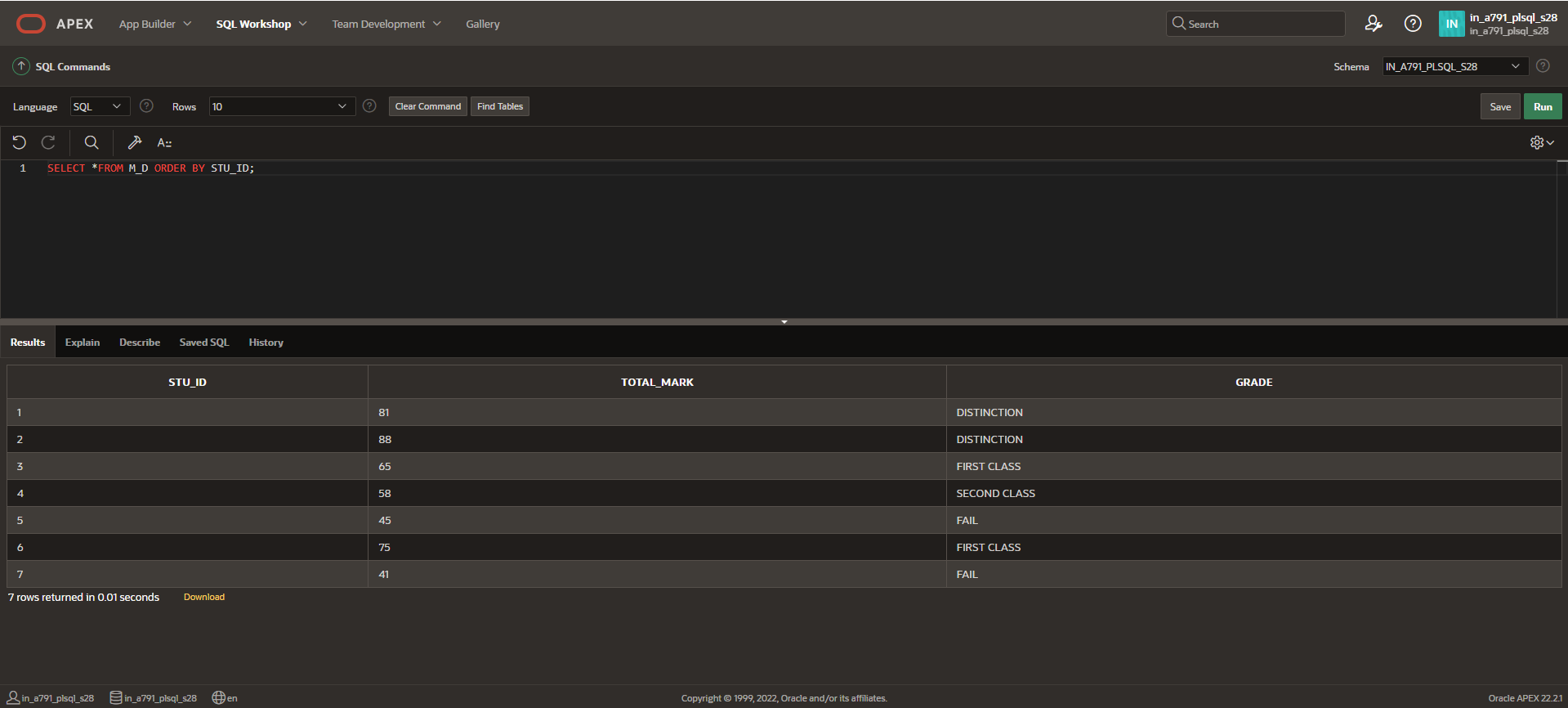
**INSERT INTO M\_D VALUES(4,58,'SECOND CLASS');**

**INSERT INTO M\_D VALUES(5,45,'FAIL');**

**INSERT INTO M\_D VALUES(6,75,'FIRST CLASS');**

**INSERT INTO M\_D VALUES(7,41,'FAIL');**

**SELECT \*FROM M\_D ORDER BY STU\_ID;**

****

**User-defined Records**

**DECLARE**

**TYPE STUDENT\_MARK\_DETAILS IS RECORD (**

**STU\_ID Stu\_det.stu\_id%TYPE,**

**STU\_NAME Stu\_det.stu\_name%TYPE,**

**TOTAL\_MARK M\_D.Total\_mark%TYPE,**

**GRADE M\_D.Grade%TYPE**

**);**

**v\_student\_mark\_details STUDENT\_MARK\_DETAILS;**

**BEGIN**

**SELECT s.stu\_id, s.stu\_name, m.Total\_mark, m.Grade**

**INTO v\_student\_mark\_details**

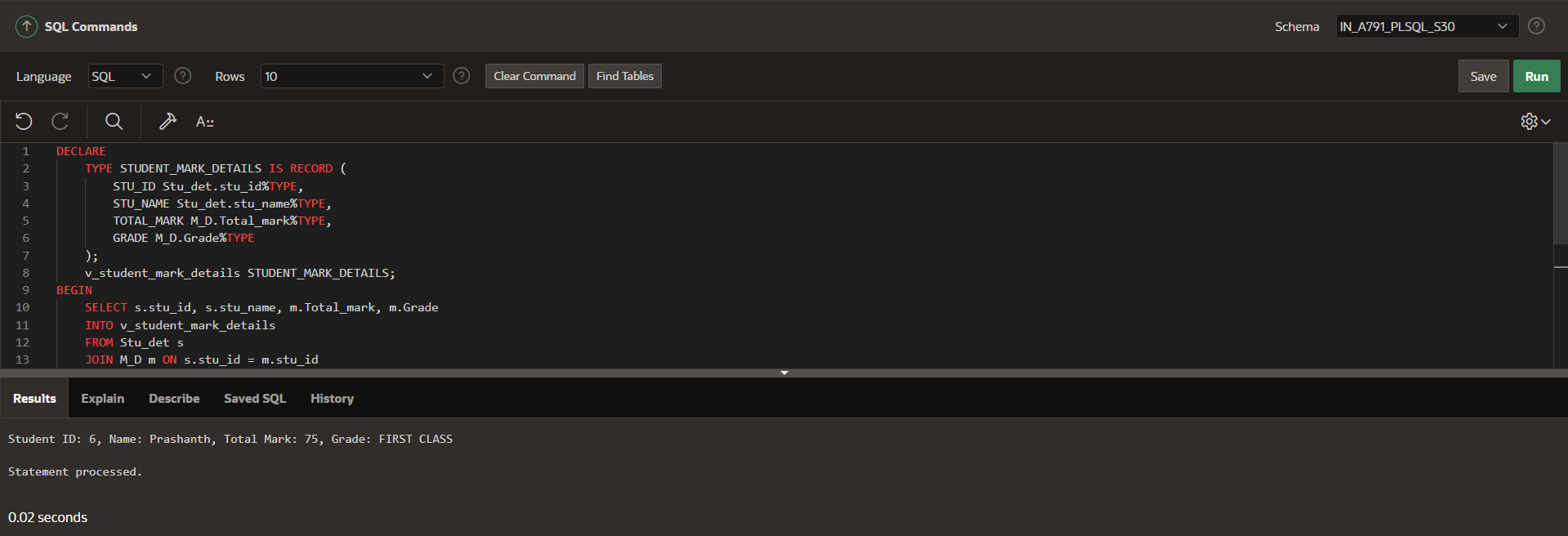
**FROM Stu\_det s**

**JOIN M\_D m ON s.stu\_id = m.stu\_id**

**WHERE s.stu\_id = 6;**

**DBMS\_OUTPUT.PUT\_LINE('Student ID: ' || v\_student\_mark\_details.STU\_ID || ', Name: ' || v\_student\_mark\_details.STU\_NAME || ', Total Mark: ' || v\_student\_mark\_details.TOTAL\_MARK || ', Grade: ' || v\_student\_mark\_details.GRADE);**

**END;**

****