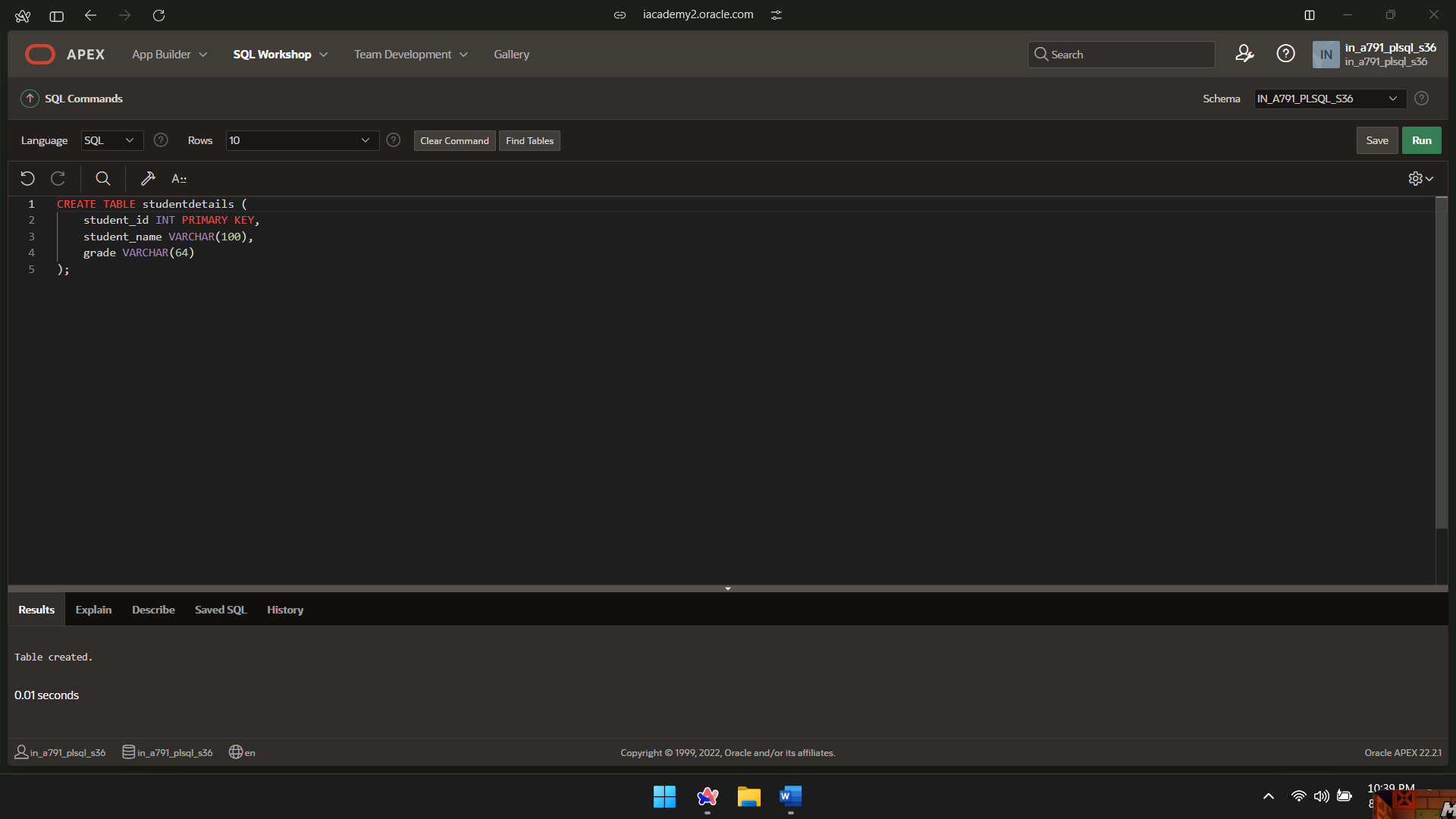
CREATE TABLE studentdetails (

student\_id INT PRIMARY KEY,

student\_name VARCHAR(100),

grade VARCHAR(64)

);



CREATE TABLE mark\_details (

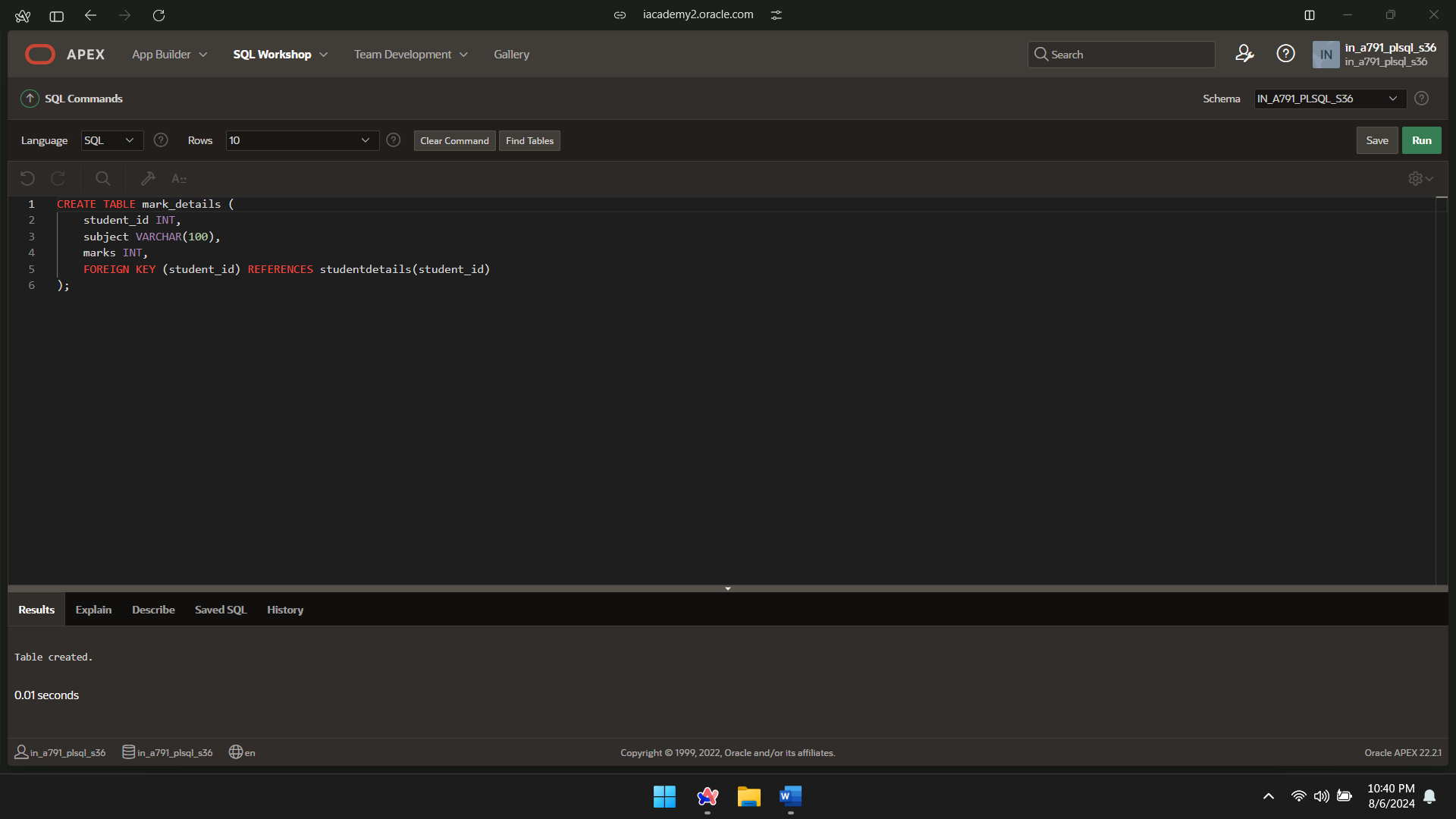
student\_id INT,

subject VARCHAR(100),

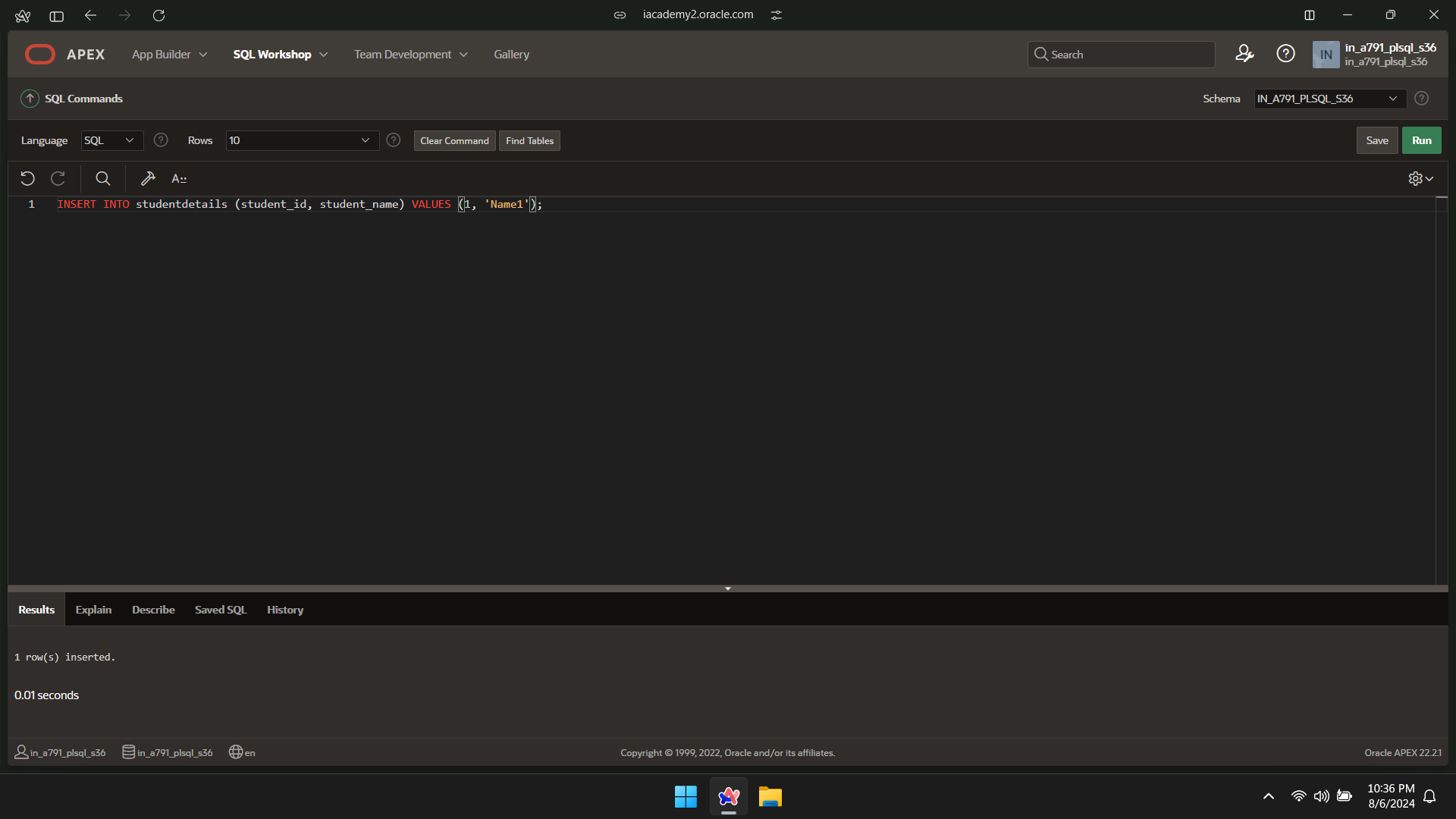
marks INT,

FOREIGN KEY (student\_id) REFERENCES studentdetails(student\_id)

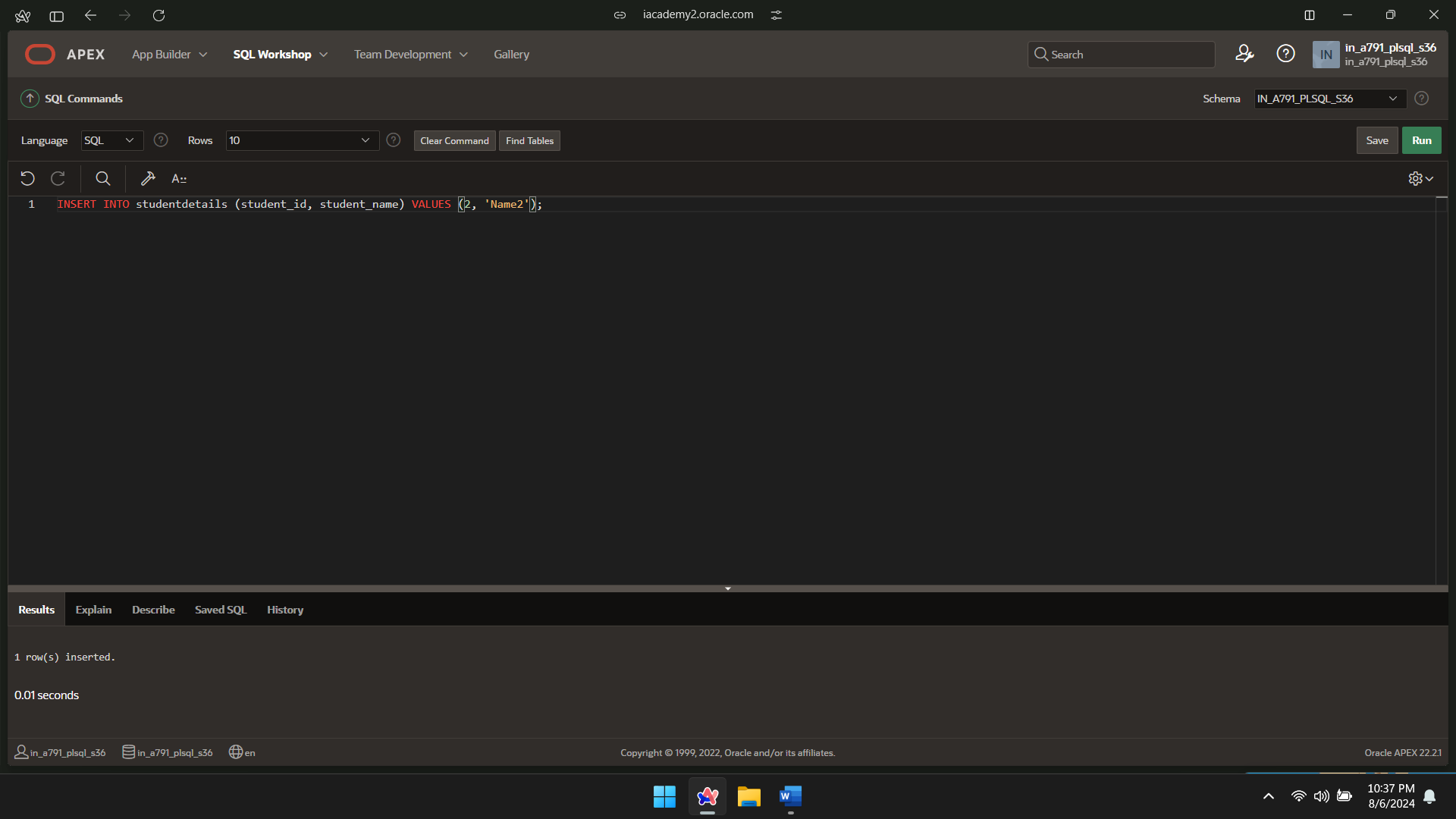
);



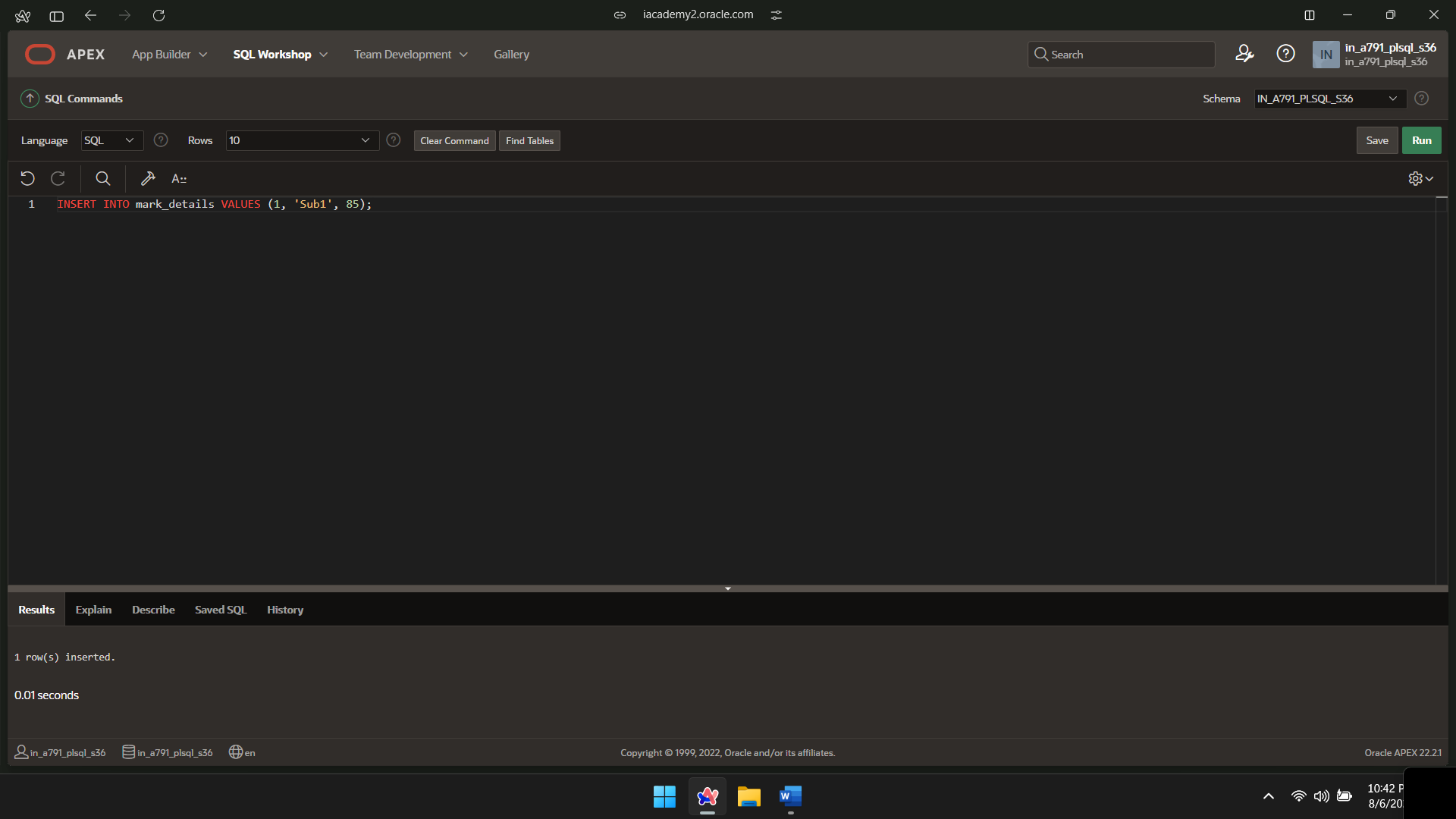
INSERT INTO studentdetails (student\_id, student\_name) VALUES (1, 'Name1');



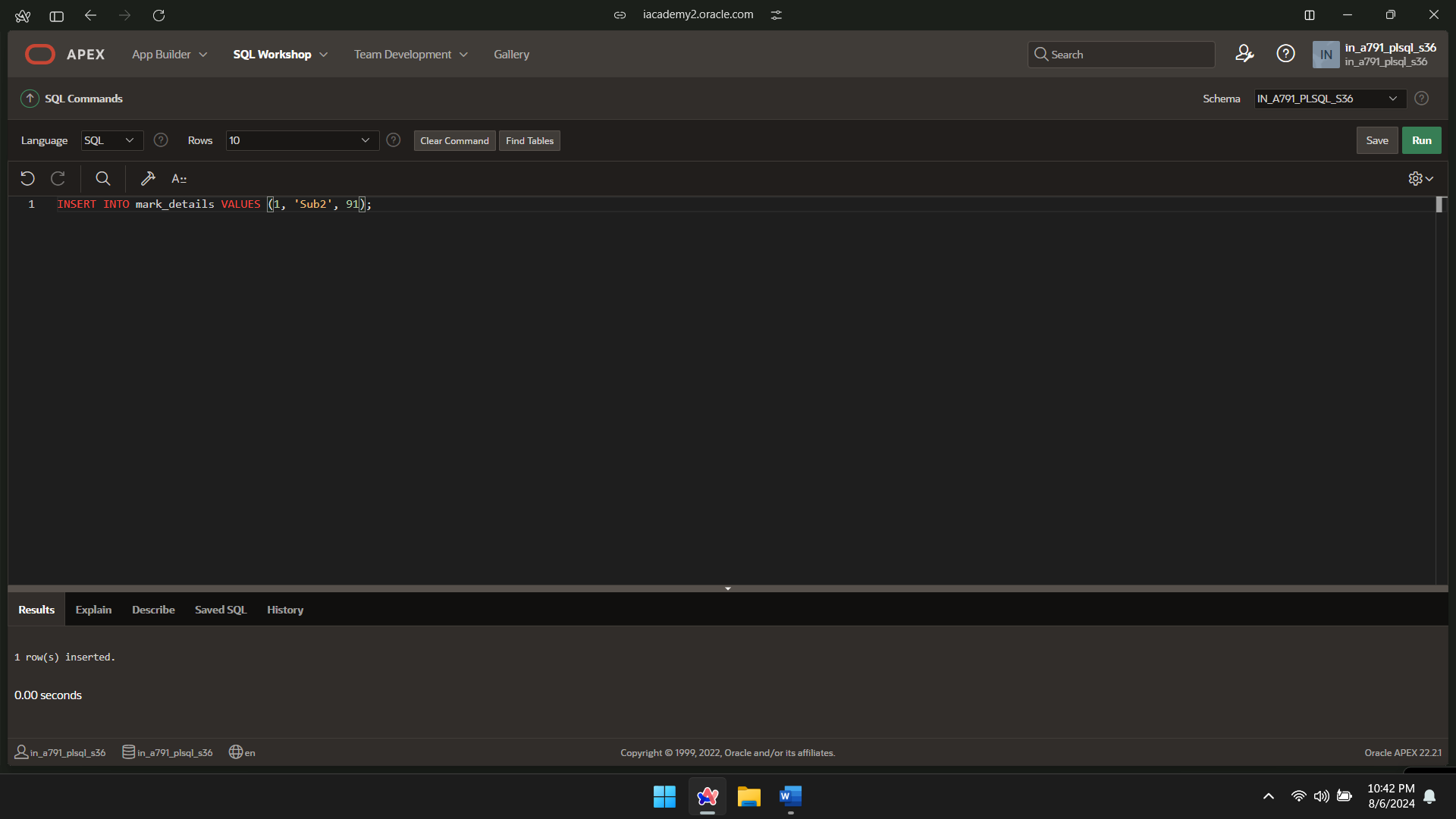
INSERT INTO studentdetails (student\_id, student\_name) VALUES (2, 'Name2');



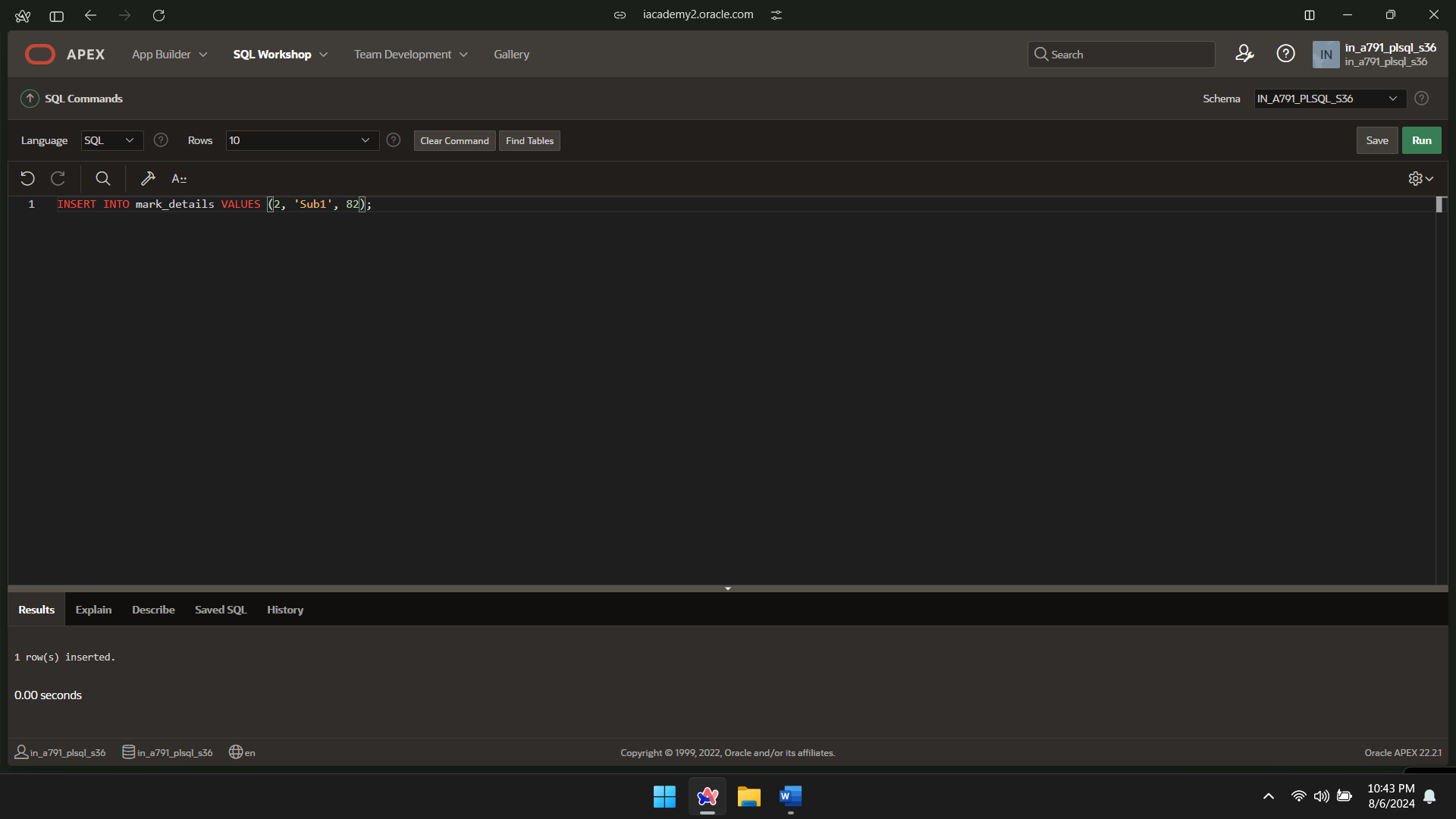
INSERT INTO studentdetails (student\_id, student\_name) VALUES (3, 'Name3');



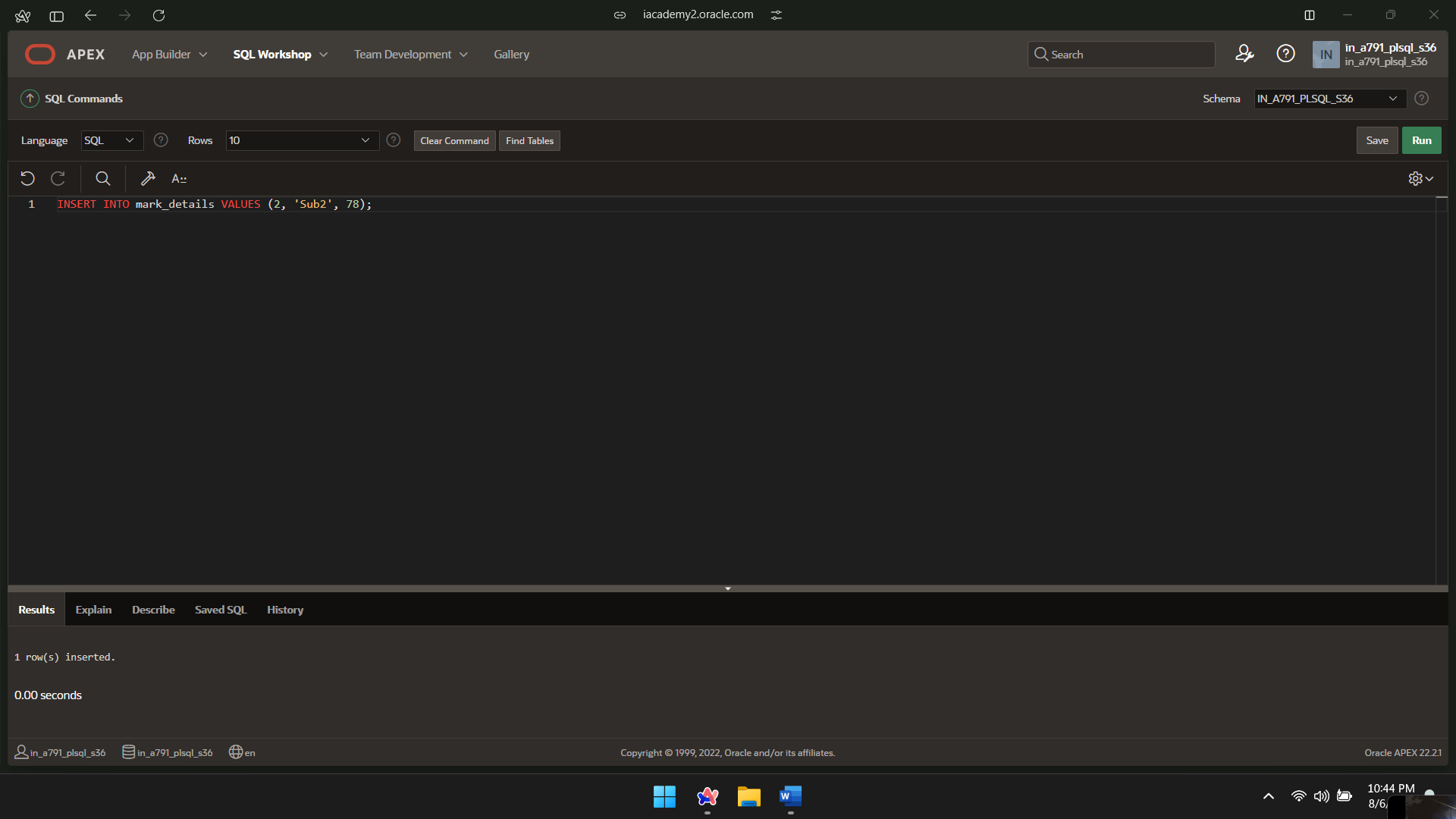
INSERT INTO mark\_details VALUES (1, 'Sub2', 91);



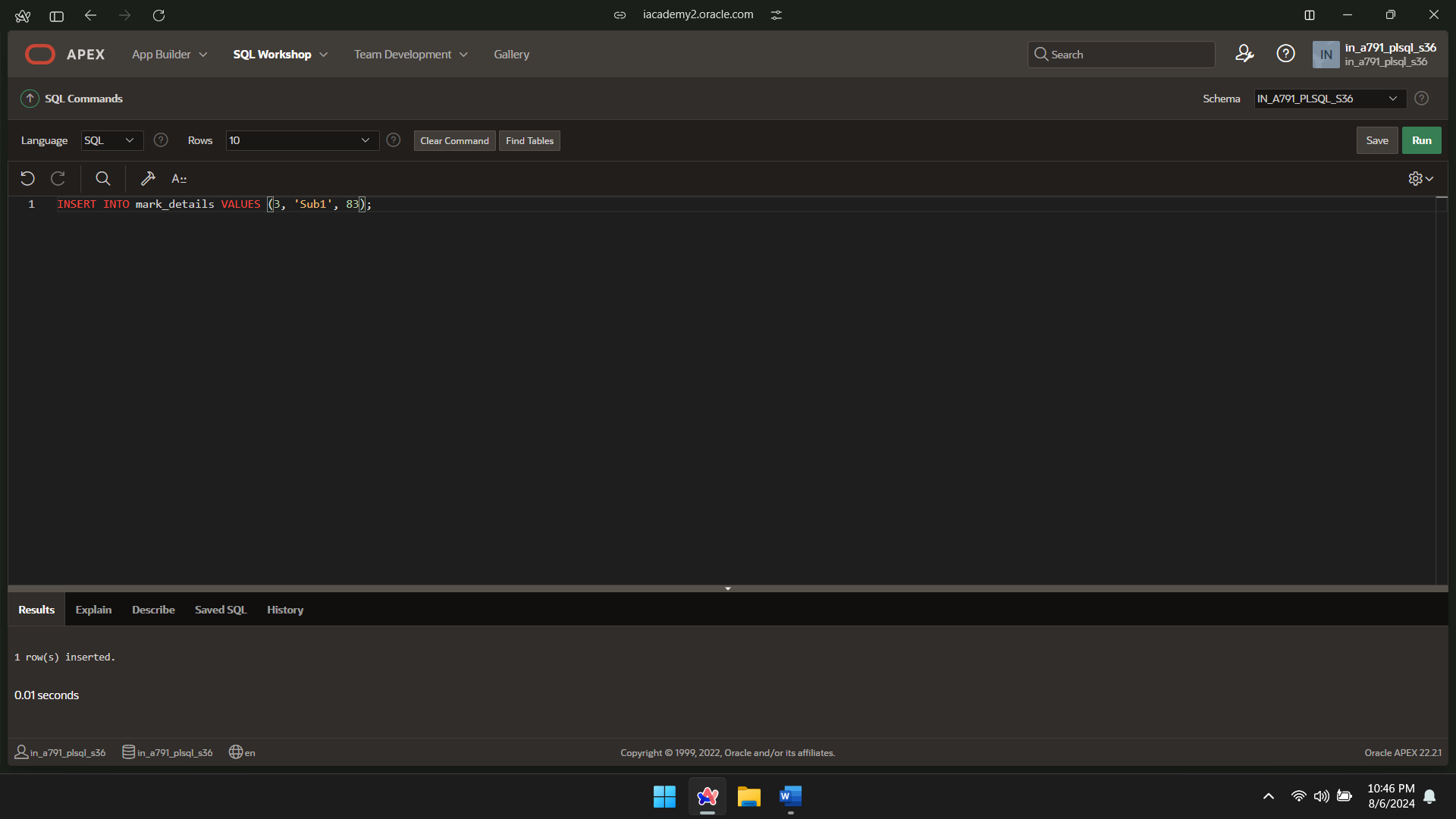
INSERT INTO mark\_details VALUES (2, 'Sub1', 82);



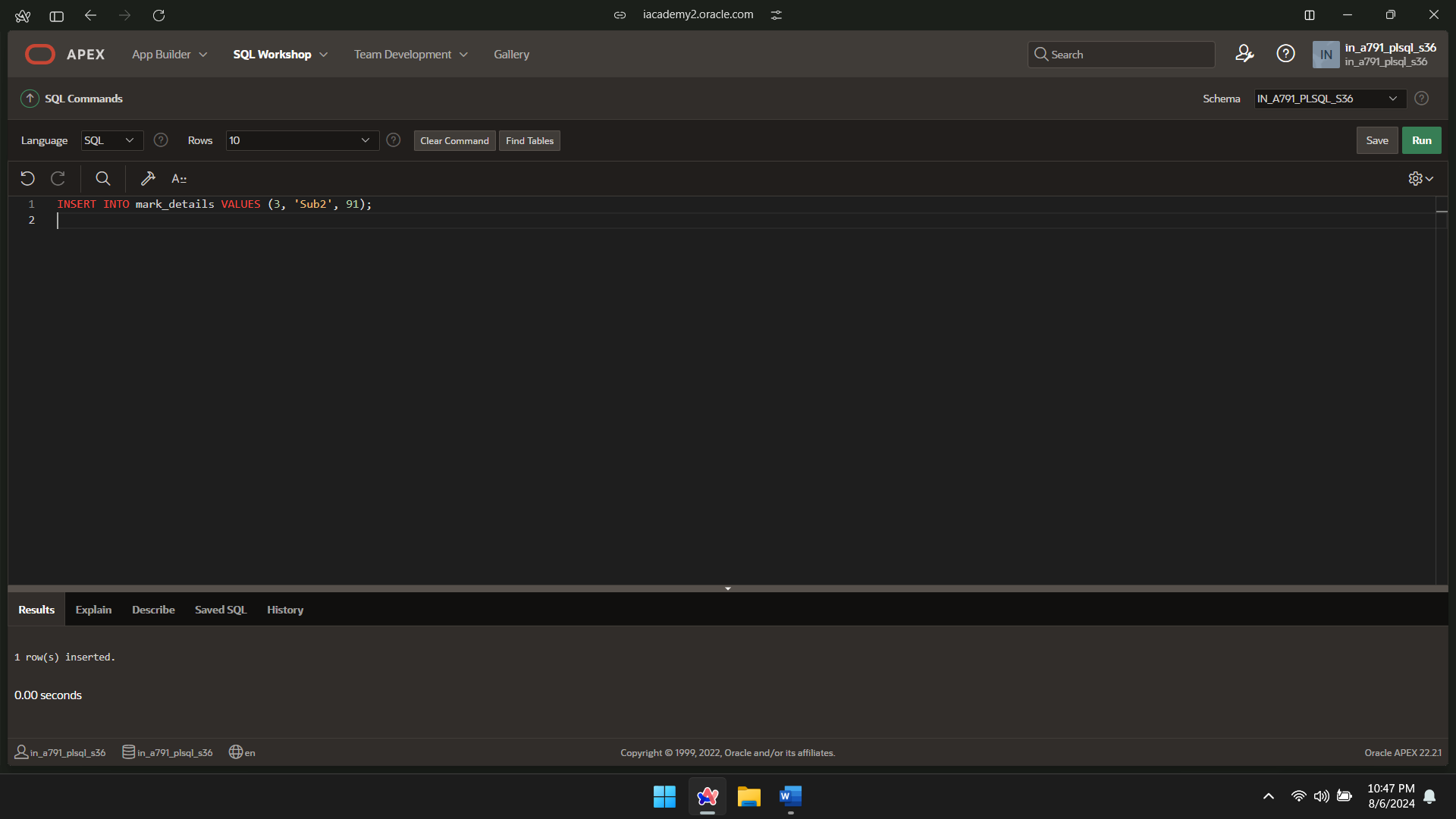
INSERT INTO mark\_details VALUES (2, 'Sub2', 78);



INSERT INTO mark\_details VALUES (3, 'Sub1', 83);



INSERT INTO mark\_details VALUES (3, 'Sub2', 91);



DECLARE

CURSOR student\_cursor IS

SELECT student\_id

FROM mark\_details

GROUP BY student\_id;

v\_student\_id mark\_details.student\_id%TYPE;

v\_avg\_marks FLOAT;

v\_grade VARCHAR(64);

BEGIN

OPEN student\_cursor;

LOOP

FETCH student\_cursor INTO v\_student\_id;

EXIT WHEN student\_cursor%NOTFOUND;

SELECT AVG(marks) INTO v\_avg\_marks

FROM mark\_details

WHERE student\_id = v\_student\_id;

IF v\_avg\_marks >= 80 THEN

v\_grade := 'Distinction';

ELSIF v\_avg\_marks >= 60 THEN

v\_grade := 'First Class';

ELSIF v\_avg\_marks >= 50 THEN

v\_grade := 'Second Class';

ELSE

v\_grade := 'Fail';

END IF;

UPDATE studentdetails

SET grade = v\_grade

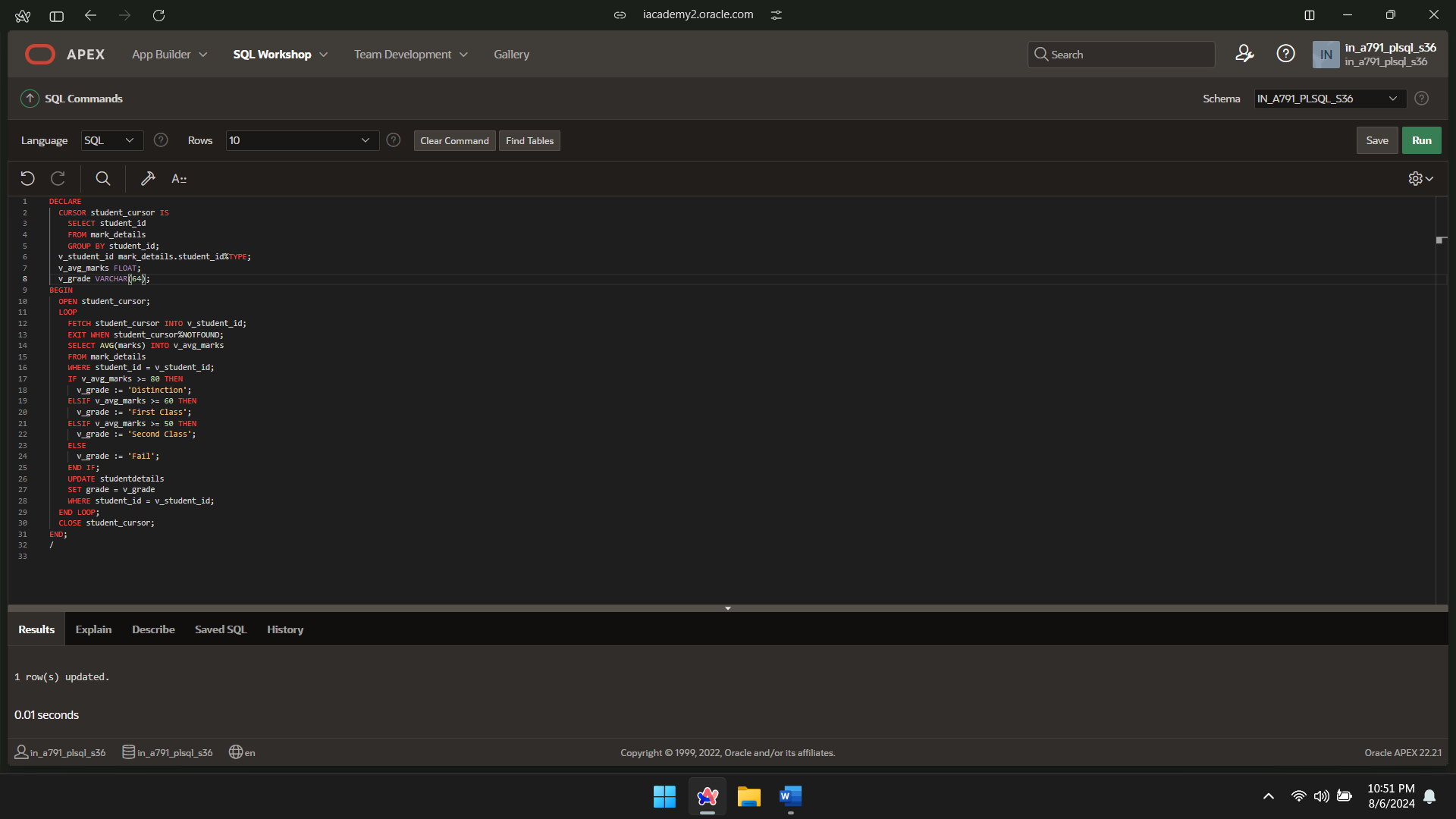
WHERE student\_id = v\_student\_id;

END LOOP;

CLOSE student\_cursor;

END;

/



SELECT\*FROM STUDENTDETAILS;

