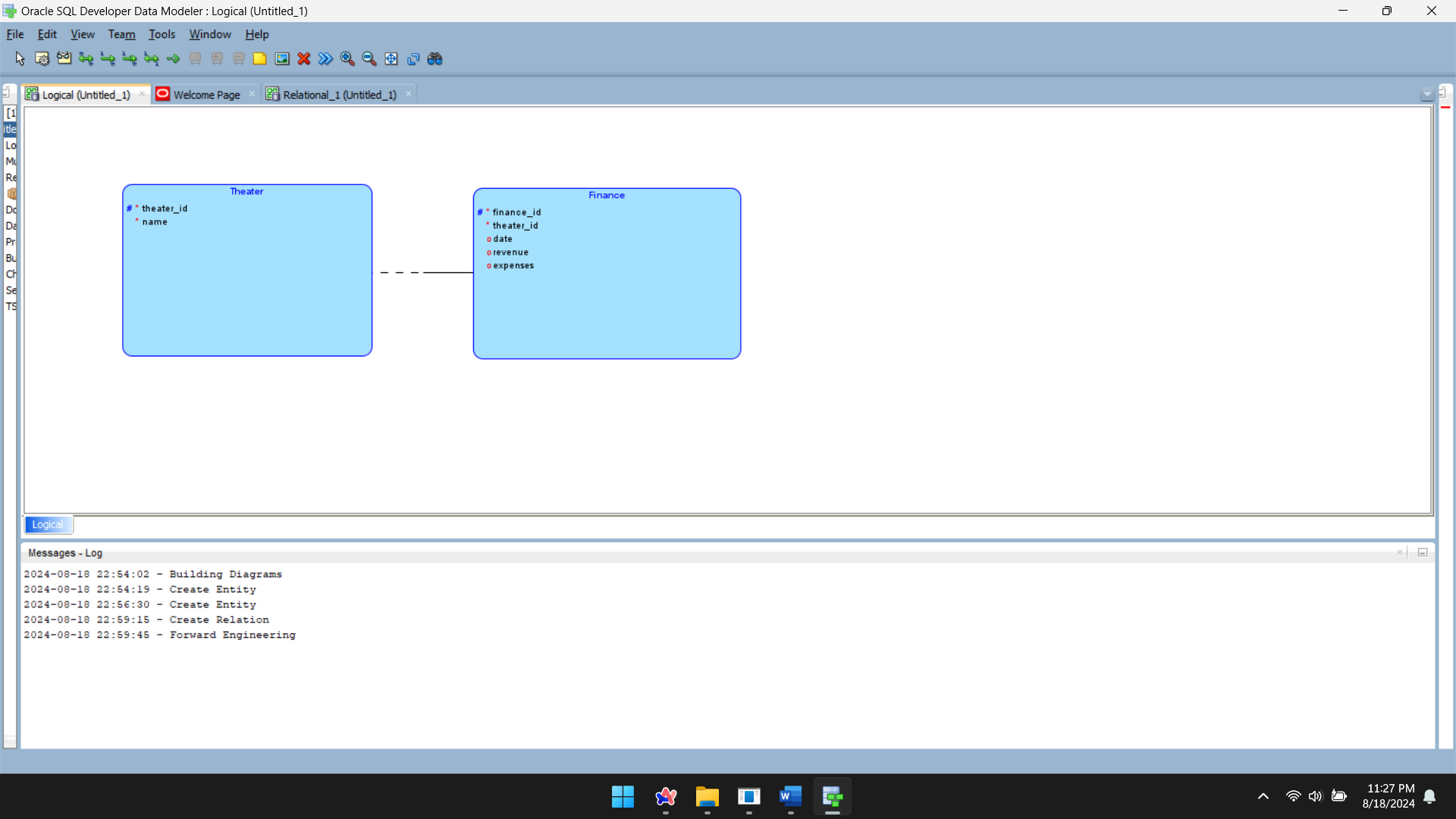
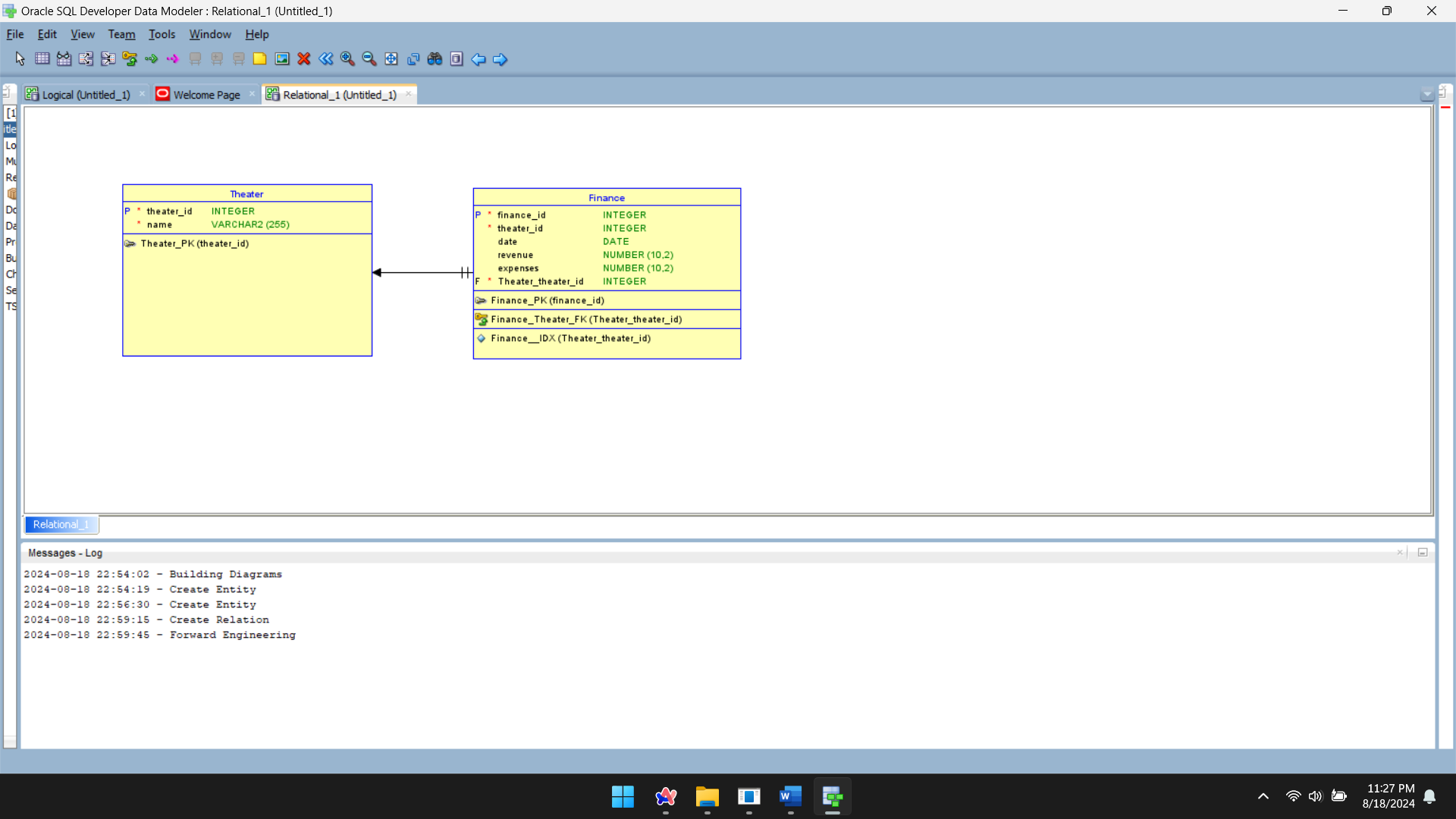
LOGICAL MODEL:



PHYSICAL MODEL:

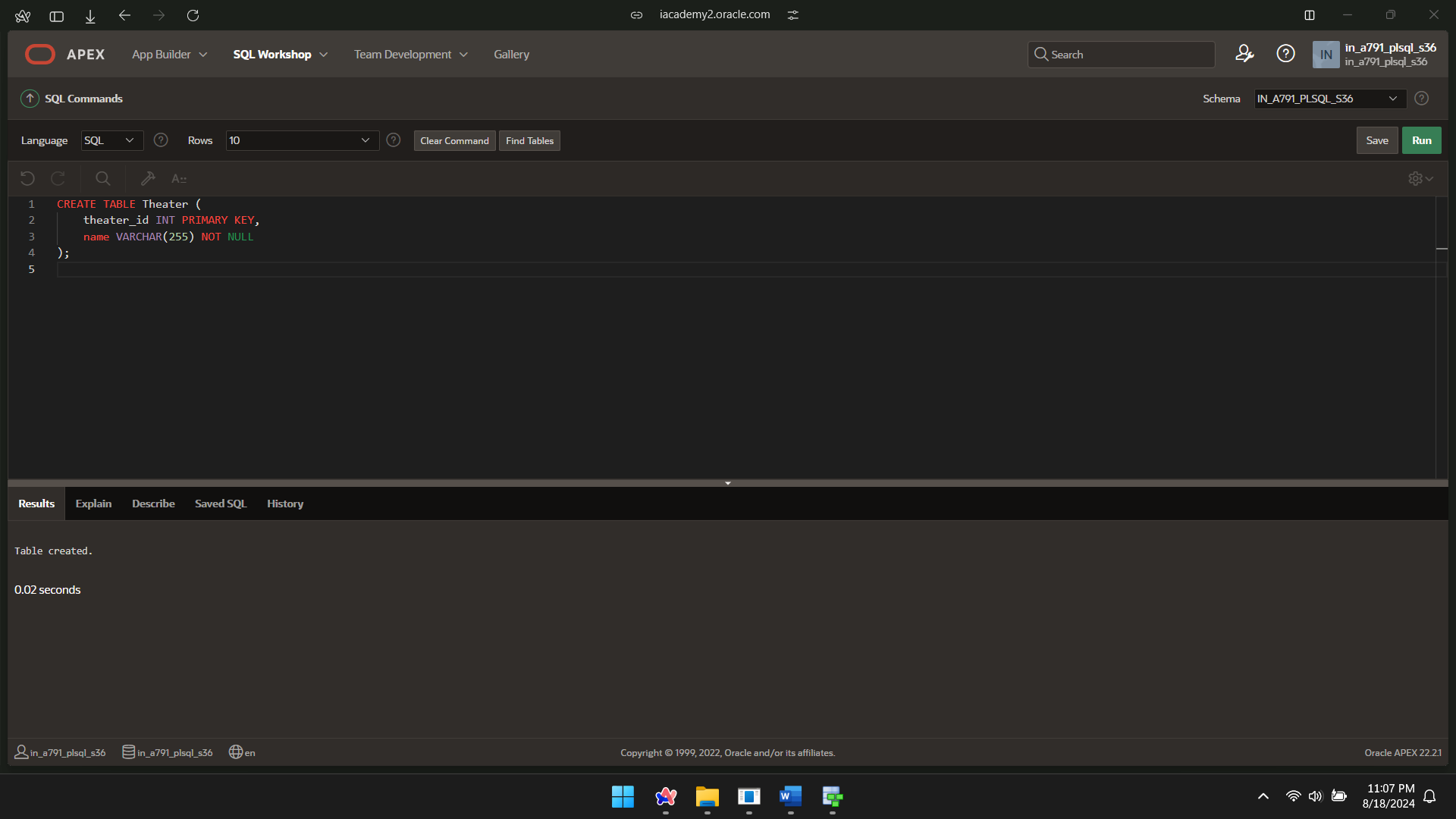


CREATE TABLE Theater (

theater\_id INT PRIMARY KEY,

name VARCHAR(255) NOT NULL

);



CREATE TABLE Finance(

financial\_id INT PRIMARY KEY,

theater\_id INT,

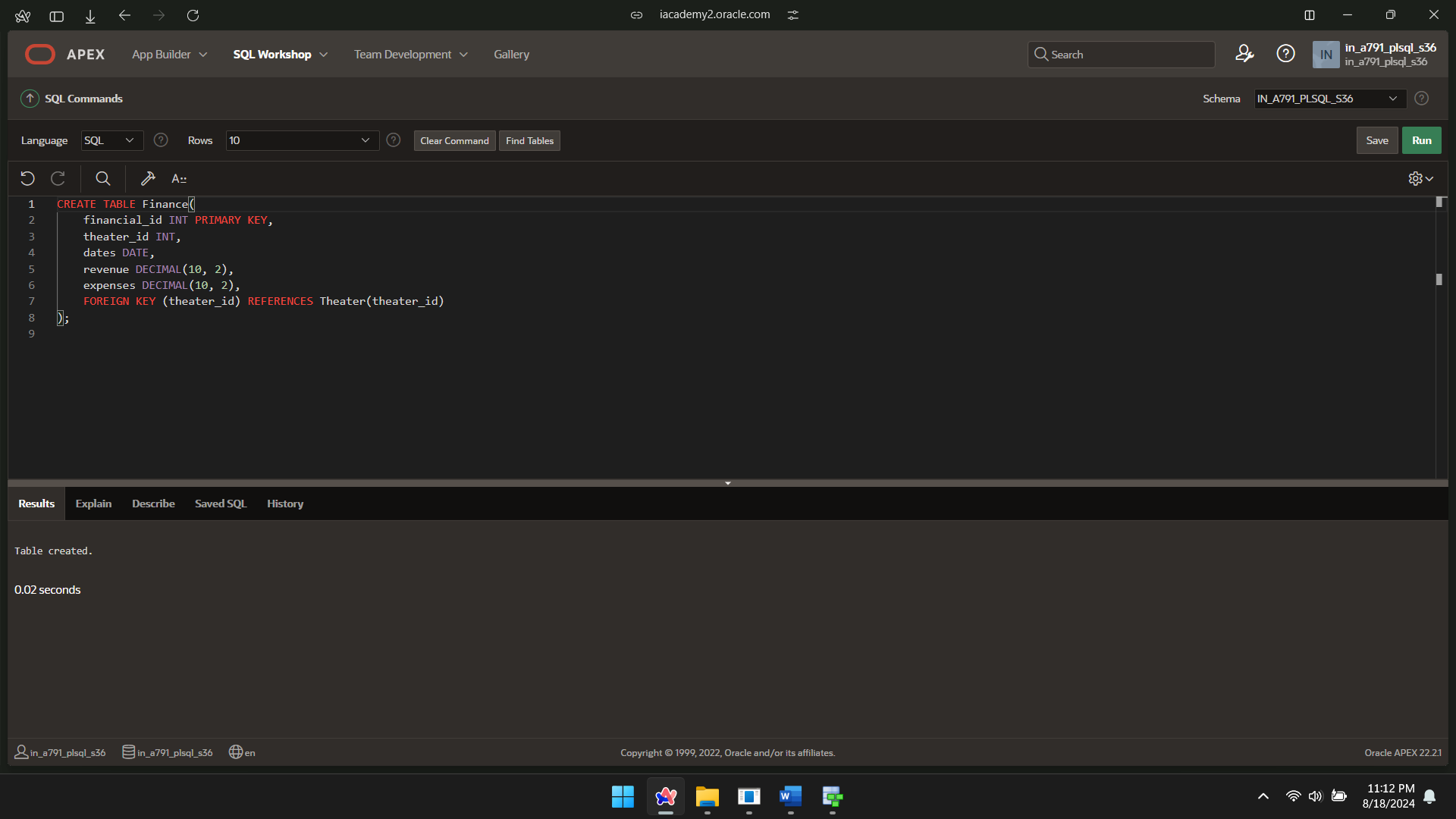
dates DATE,

revenue DECIMAL(10, 2),

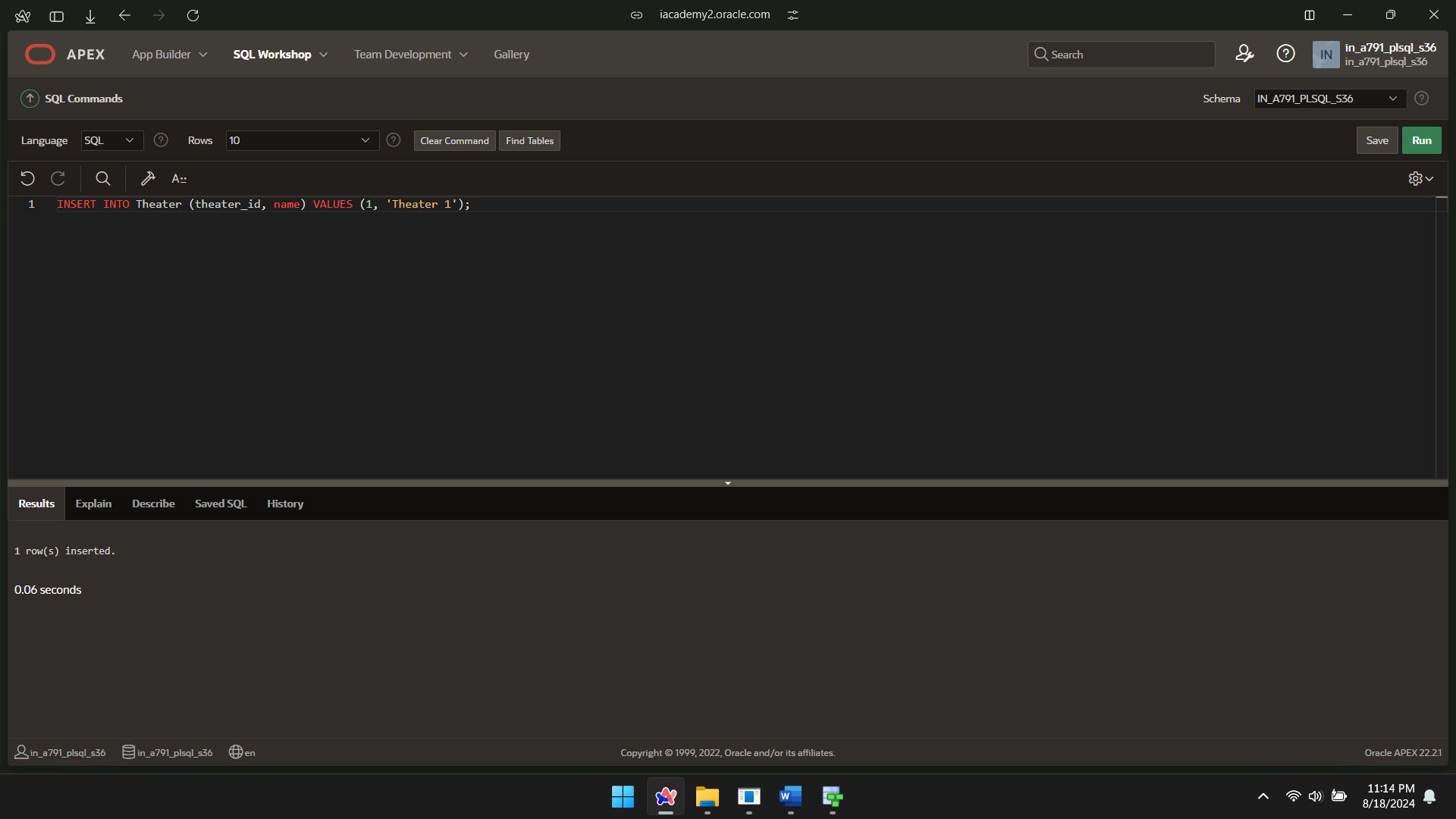
expenses DECIMAL(10, 2),

FOREIGN KEY (theater\_id) REFERENCES Theater(theater\_id)

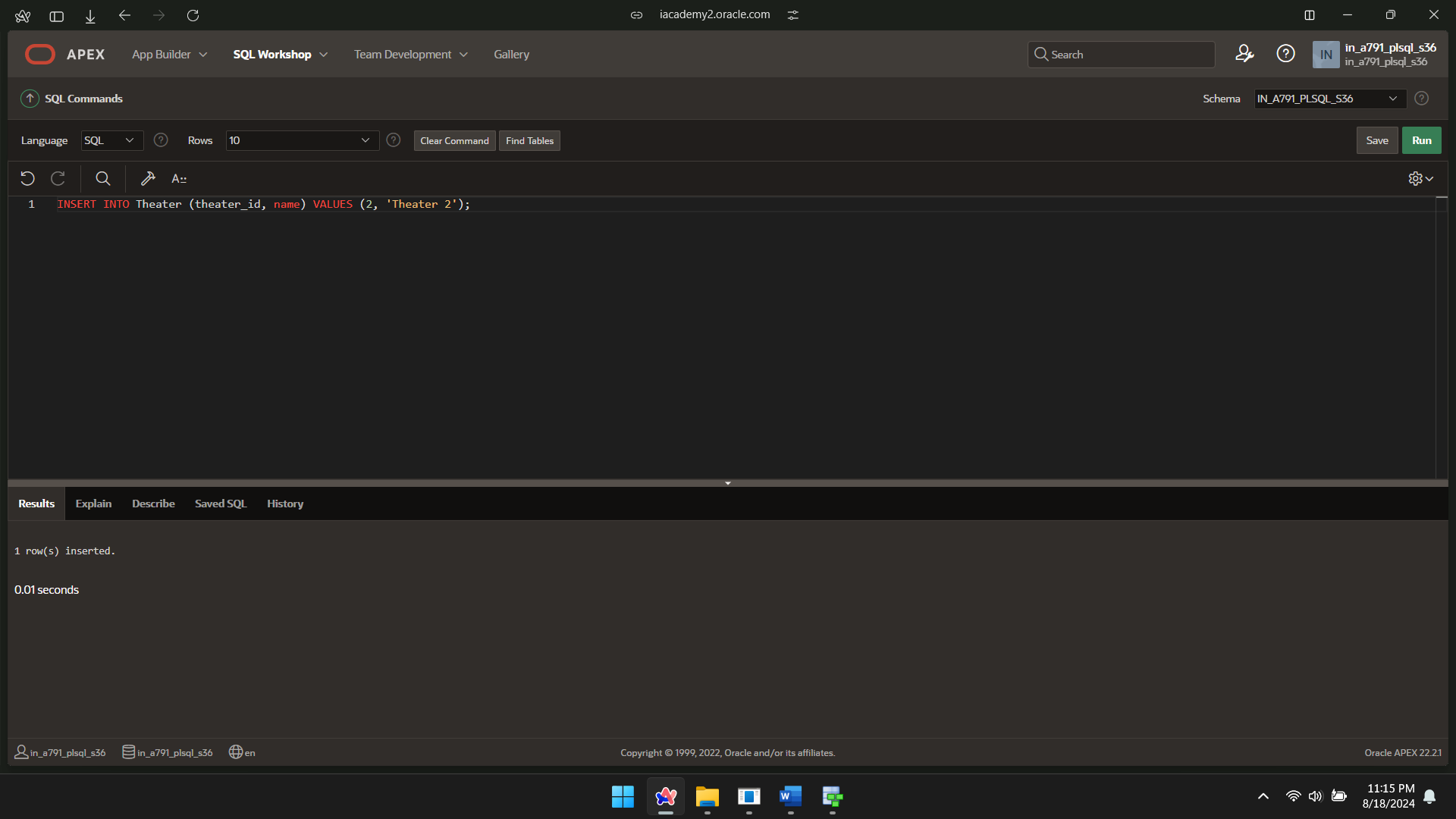
);



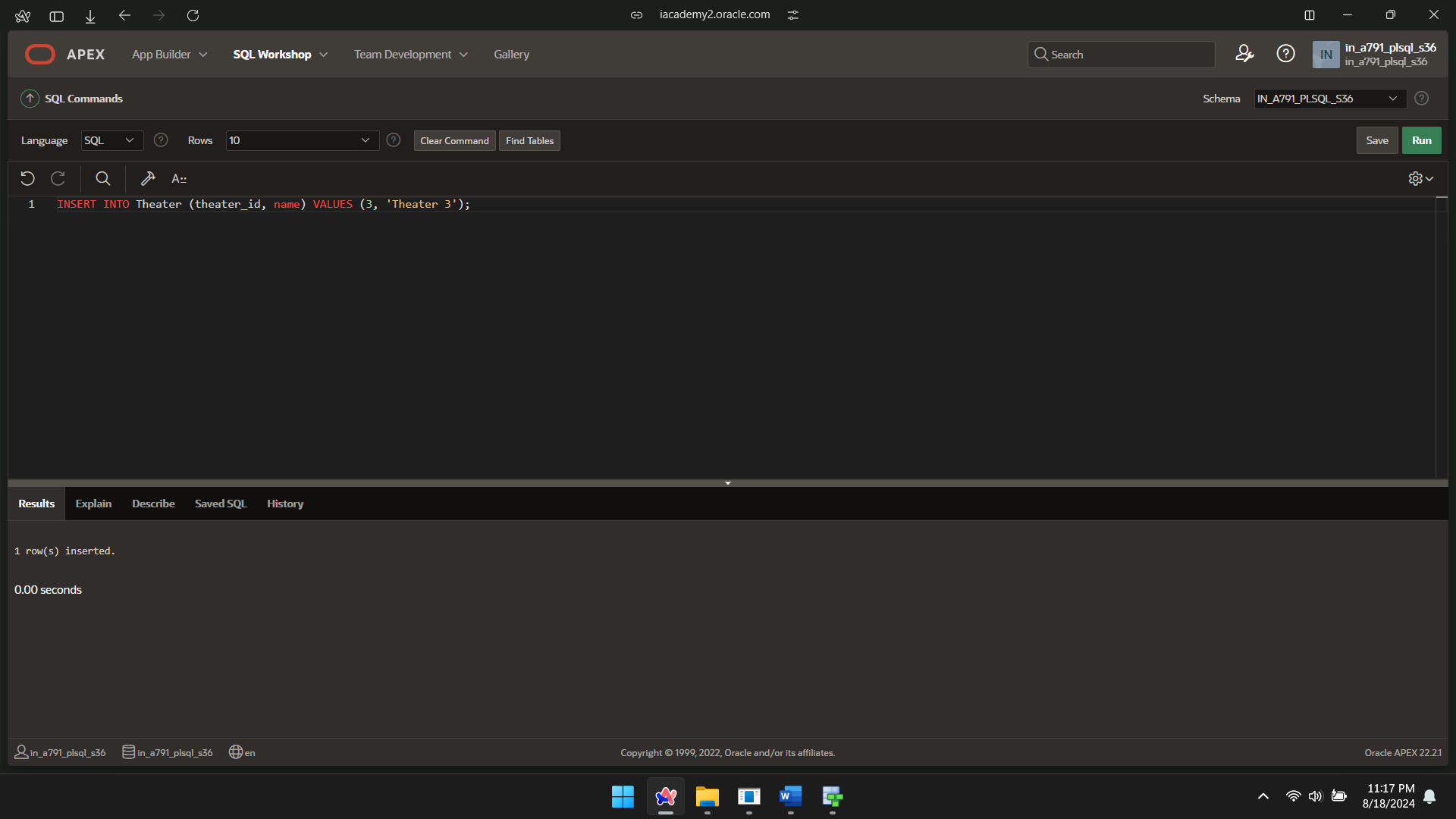
INSERT INTO Theater (theater\_id, name) VALUES (1, 'Theater 1');



INSERT INTO Theater (theater\_id, name) VALUES (2, 'Theater 2');

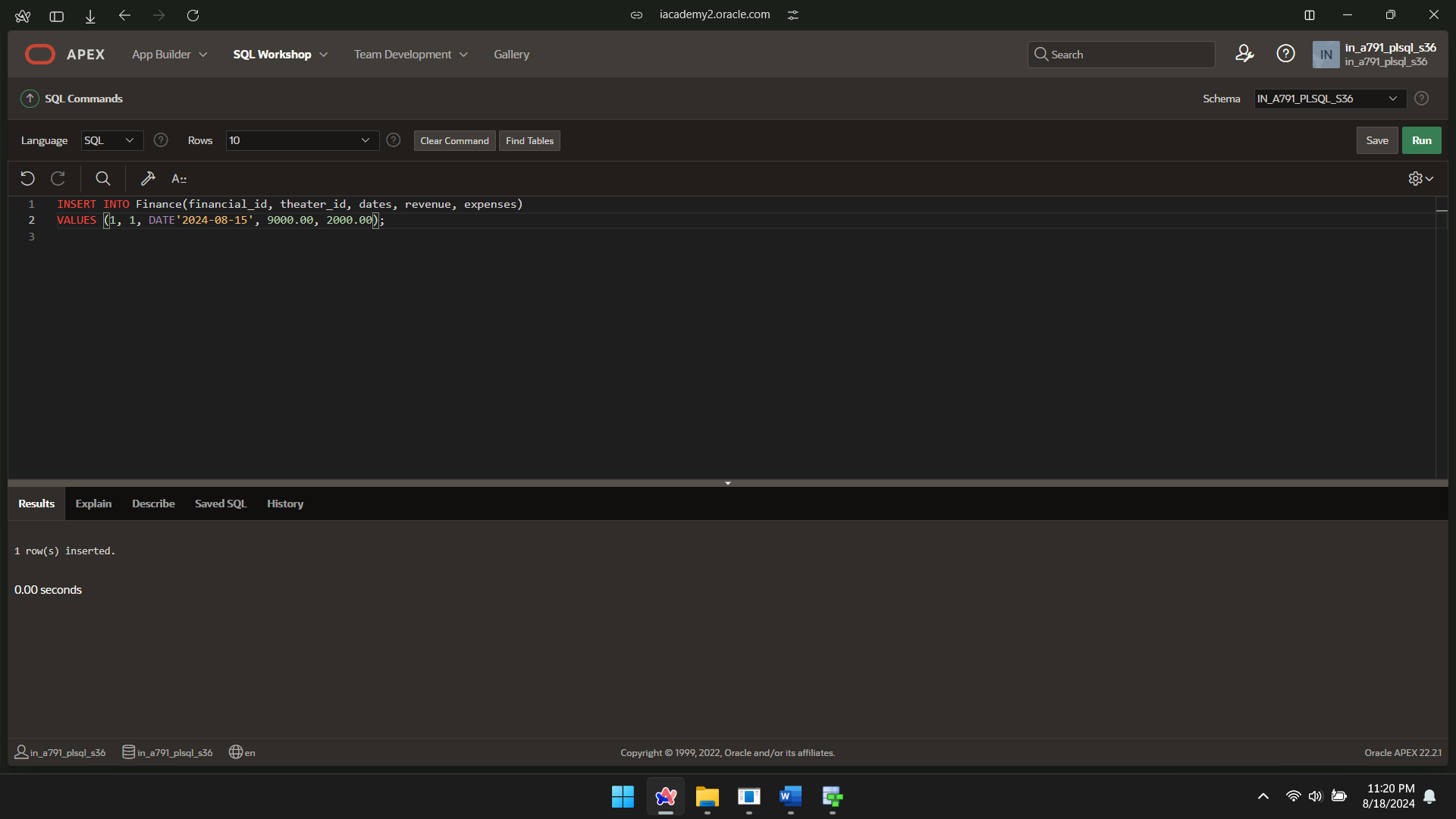


INSERT INTO Theater (theater\_id, name) VALUES (3, 'Theater 3');



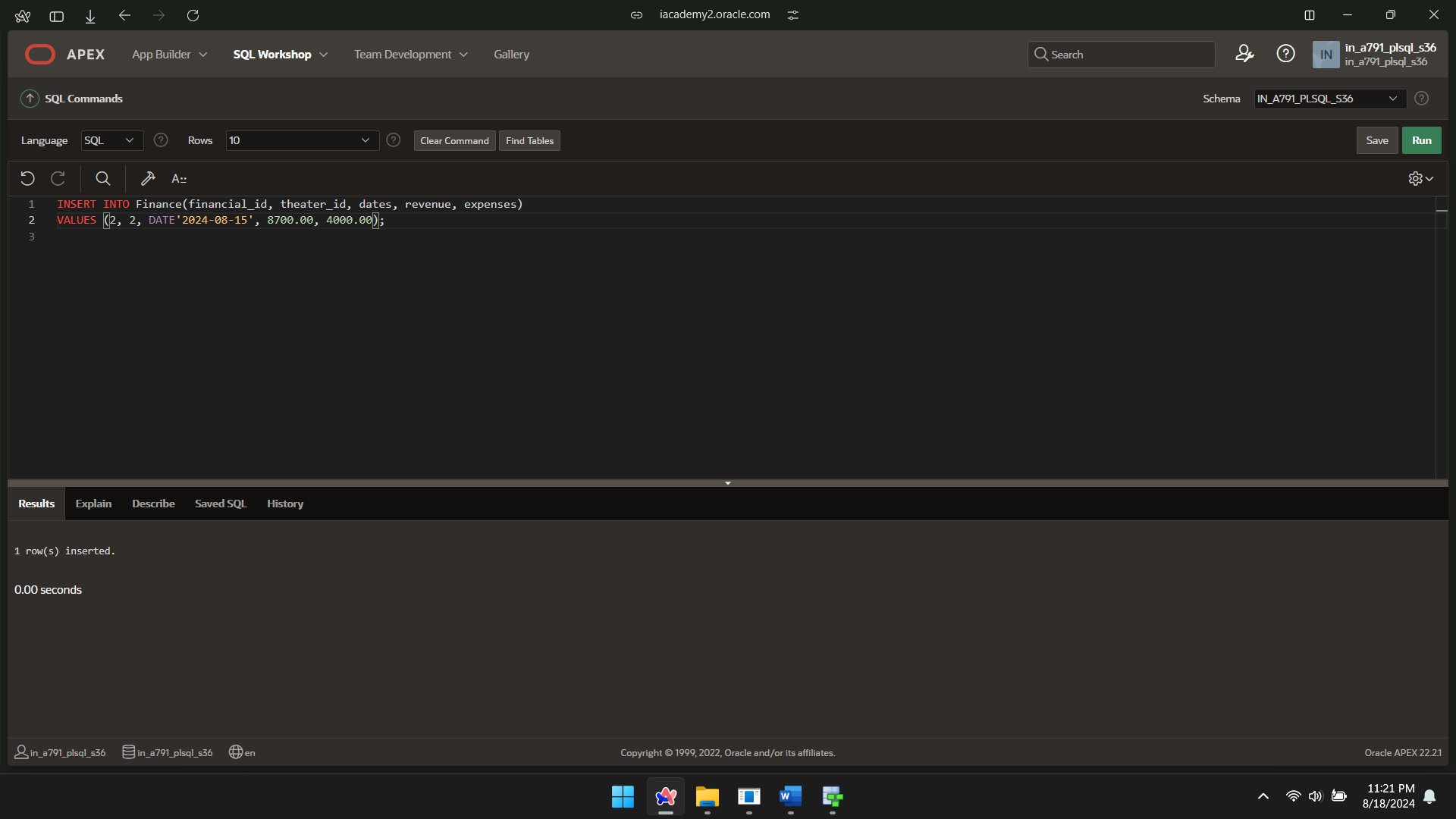
INSERT INTO Finance(financial\_id, theater\_id, dates, revenue, expenses)

VALUES (1, 1, DATE'2024-08-15', 9000.00, 2000.00);



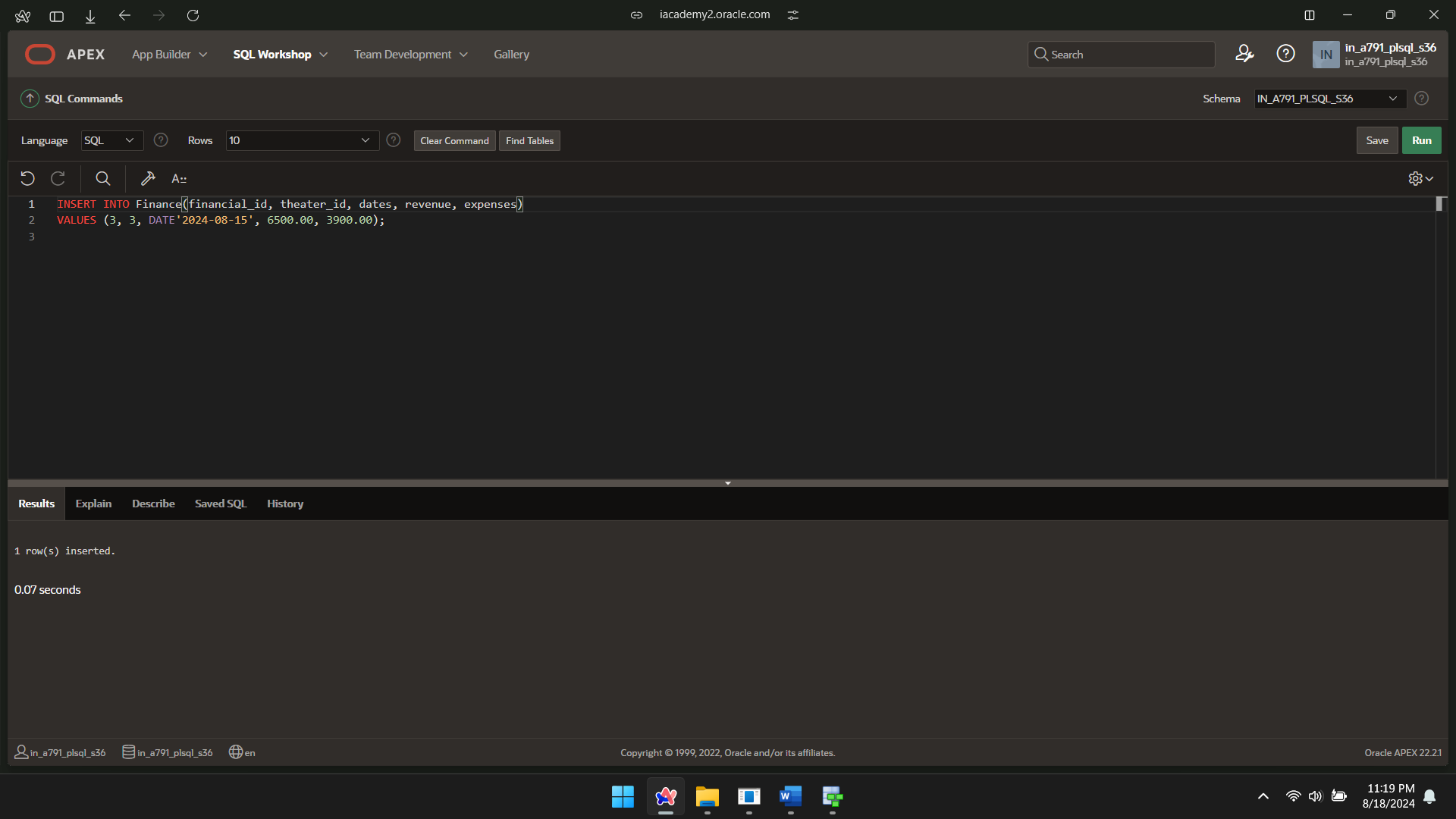
INSERT INTO Finance(financial\_id, theater\_id, dates, revenue, expenses)

VALUES (2, 2, DATE'2024-08-15', 8700.00, 4000.00);



INSERT INTO Finance(financial\_id, theater\_id, dates, revenue, expenses)

VALUES (3, 3, DATE'2024-08-15', 6500.00, 3900.00);



DECLARE

CURSOR financials\_cur IS

SELECT

dates,

SUM(revenue) AS total\_revenue,

SUM(expenses) AS total\_expenses,

SUM(revenue) - SUM(expenses) AS total\_profit

FROM

Finance

WHERE

dates BETWEEN TO\_DATE('2024-08-15', 'YYYY-MM-DD') AND TO\_DATE('2024-08-16', 'YYYY-MM-DD')

GROUP BY

dates

ORDER BY

dates;

BEGIN

FOR rec IN financials\_cur LOOP

DBMS\_OUTPUT.PUT\_LINE('Date: ' || rec.dates || ', Total Revenue: ' || rec.total\_revenue ||', Total Expenses: ' || rec.total\_expenses || ', Total Profit: ' || rec.total\_profit);

END LOOP;

END;

/

