

CREATE TABLE employees (

employee\_id NUMBER PRIMARY KEY,

first\_name VARCHAR2(50),

last\_name VARCHAR2(50),

email VARCHAR2(100),

hire\_date DATE,

job\_id VARCHAR2(10),

salary NUMBER(10, 2)

);

INSERT INTO employees (employee\_id, first\_name, last\_name, email, hire\_date, job\_id, salary)

VALUES (1, 'John', 'Doe', 'john.doe@example.com', TO\_DATE('2022-01-01', 'YYYY-MM-DD'), 'DEV', 50000);

INSERT INTO employees (employee\_id, first\_name, last\_name, email, hire\_date, job\_id, salary)

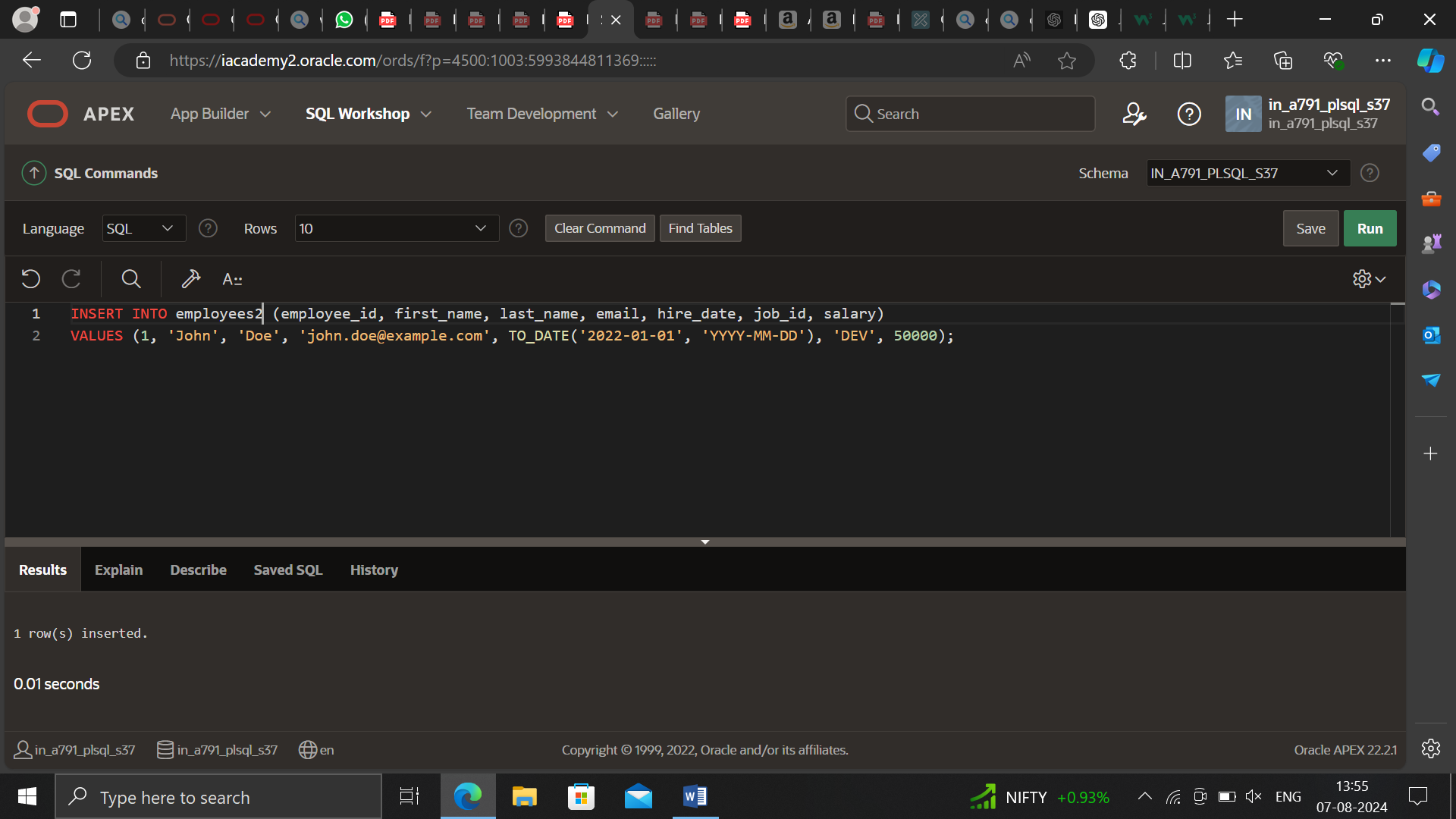
VALUES (2, 'Jane', 'Smith', 'jane.smith@example.com', TO\_DATE('2022-02-01', 'YYYY-MM-DD'), 'HR', 60000);

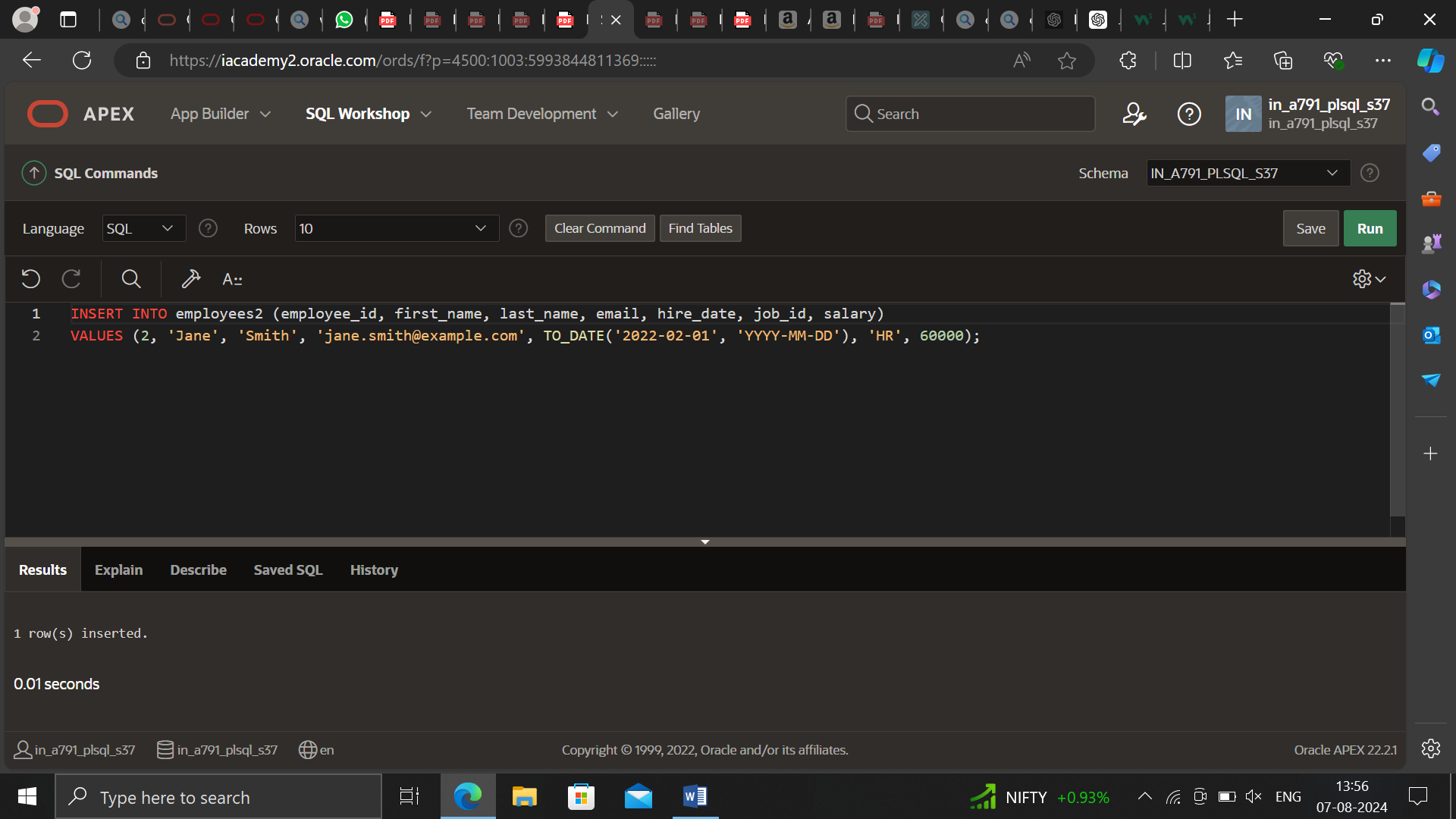
INSERT INTO employees (employee\_id, first\_name, last\_name, email, hire\_date, job\_id, salary)

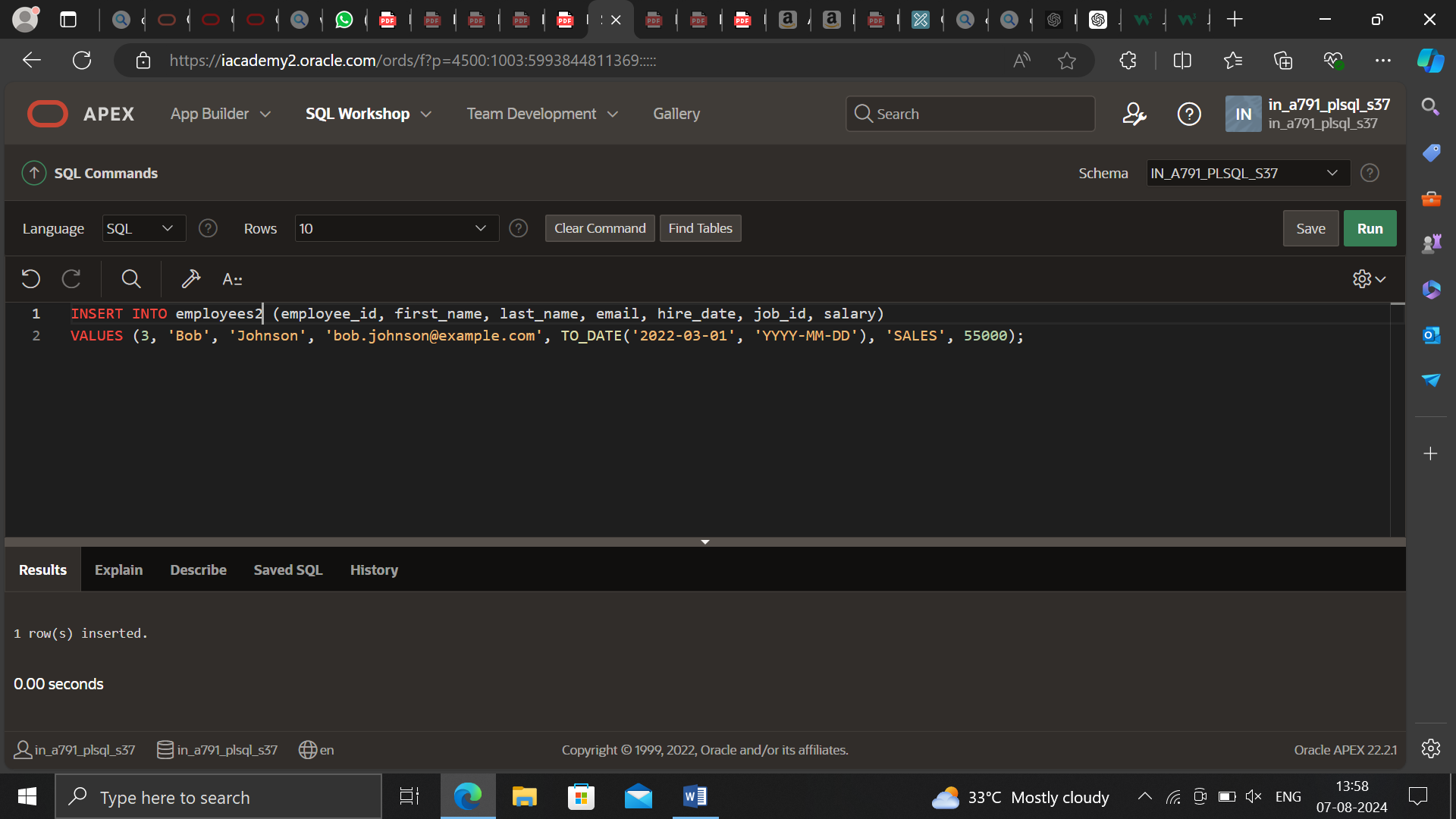
VALUES (3, 'Bob', 'Johnson', 'bob.johnson@example.com', TO\_DATE('2022-03-01', 'YYYY-MM-DD'), 'SALES', 55000);

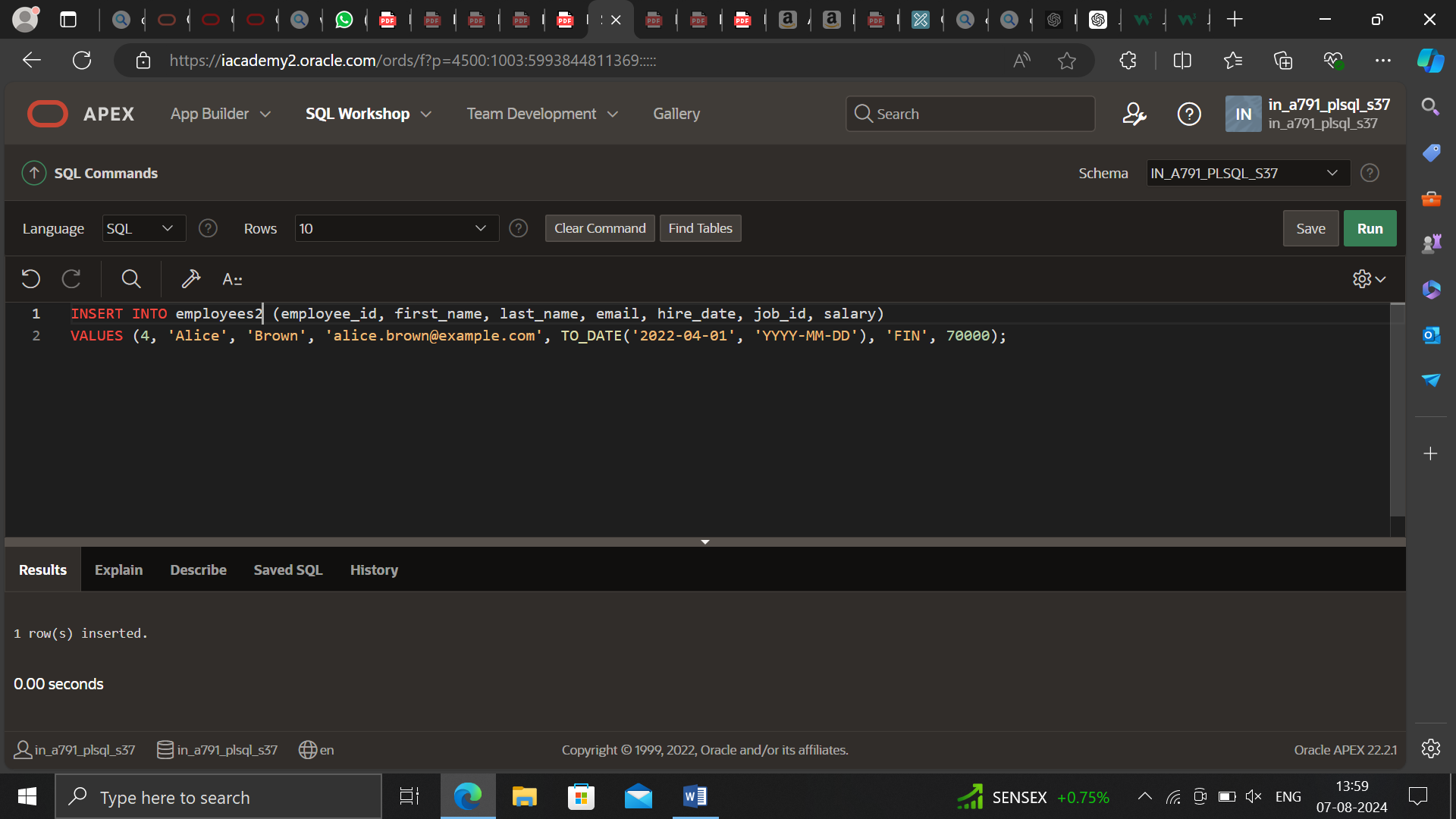
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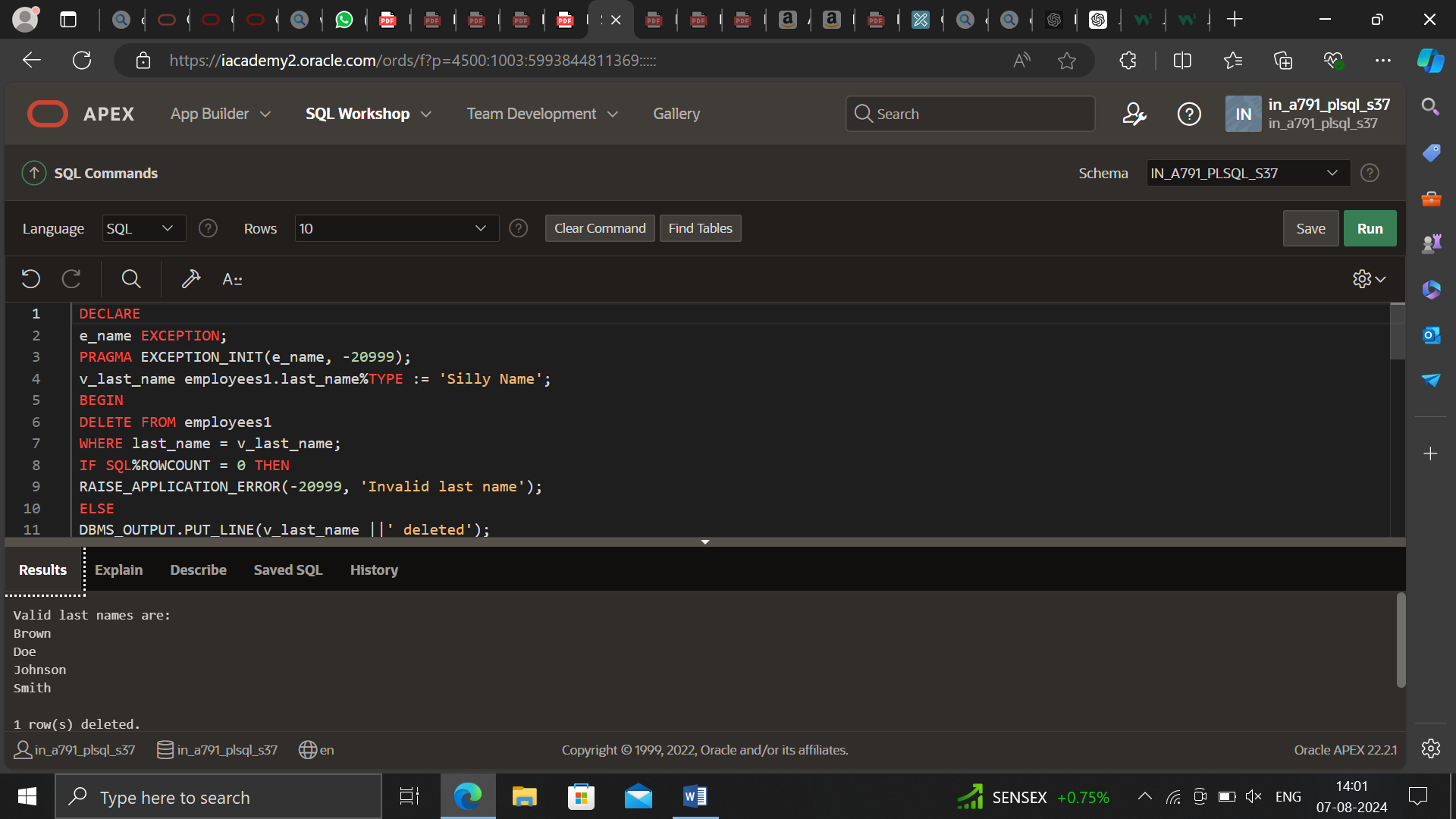
VALUES (4, 'Alice', 'Brown', 'alice.brown@example.com', TO\_DATE('2022-04-01', 'YYYY-MM-DD'), 'FIN', 70000);











DECLARE

e\_name EXCEPTION;

PRAGMA EXCEPTION\_INIT(e\_name, -20999);

v\_last\_name employees.last\_name%TYPE := 'Silly Name';

BEGIN

DELETE FROM employees

WHERE last\_name = v\_last\_name;

IF SQL%ROWCOUNT = 0 THEN

RAISE\_APPLICATION\_ERROR(-20999, 'Invalid last name');

ELSE

DBMS\_OUTPUT.PUT\_LINE(v\_last\_name ||' deleted');

END IF;

EXCEPTION

WHEN e\_name THEN

DBMS\_OUTPUT.PUT\_LINE('Valid last names are: ');

FOR c1 IN (SELECT DISTINCT last\_name FROM employees) LOOP

DBMS\_OUTPUT.PUT\_LINE(c1.last\_name);

END LOOP;

WHEN OTHERS THEN

DBMS\_OUTPUT.PUT\_LINE('Error deleting from employees');

END;