3rd module 3.1 & 3.2:

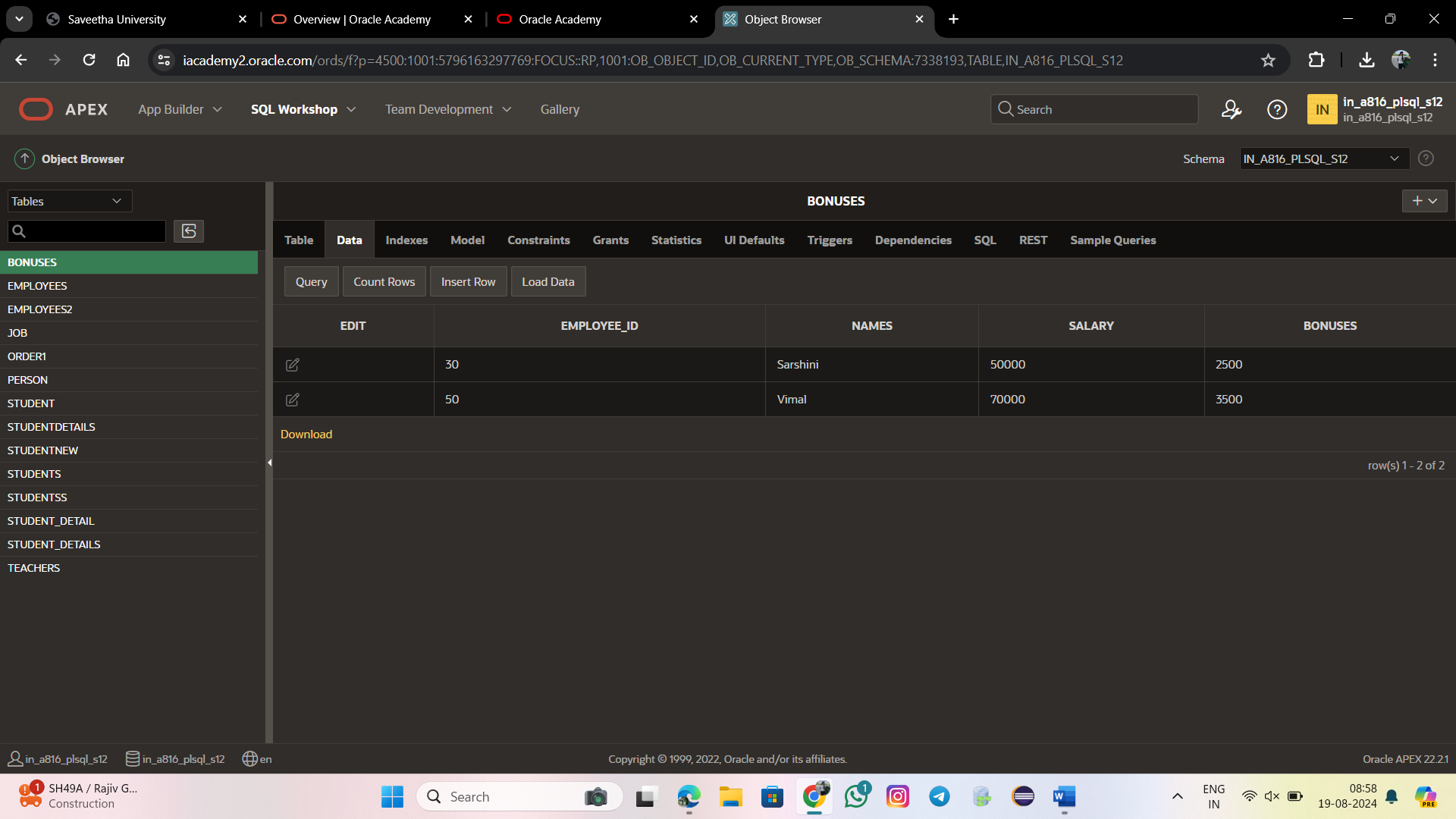
MERGE INTO bonuses b

USING EMPLOYEES2 e

ON (b.Employee\_id = e.Employee\_id)

WHEN MATCHED THEN

UPDATE SET b.Bonuses = e.Salary \* .05;



DECLARE

v\_emp\_lname Employees2.Names%TYPE;

BEGIN

SELECT Names

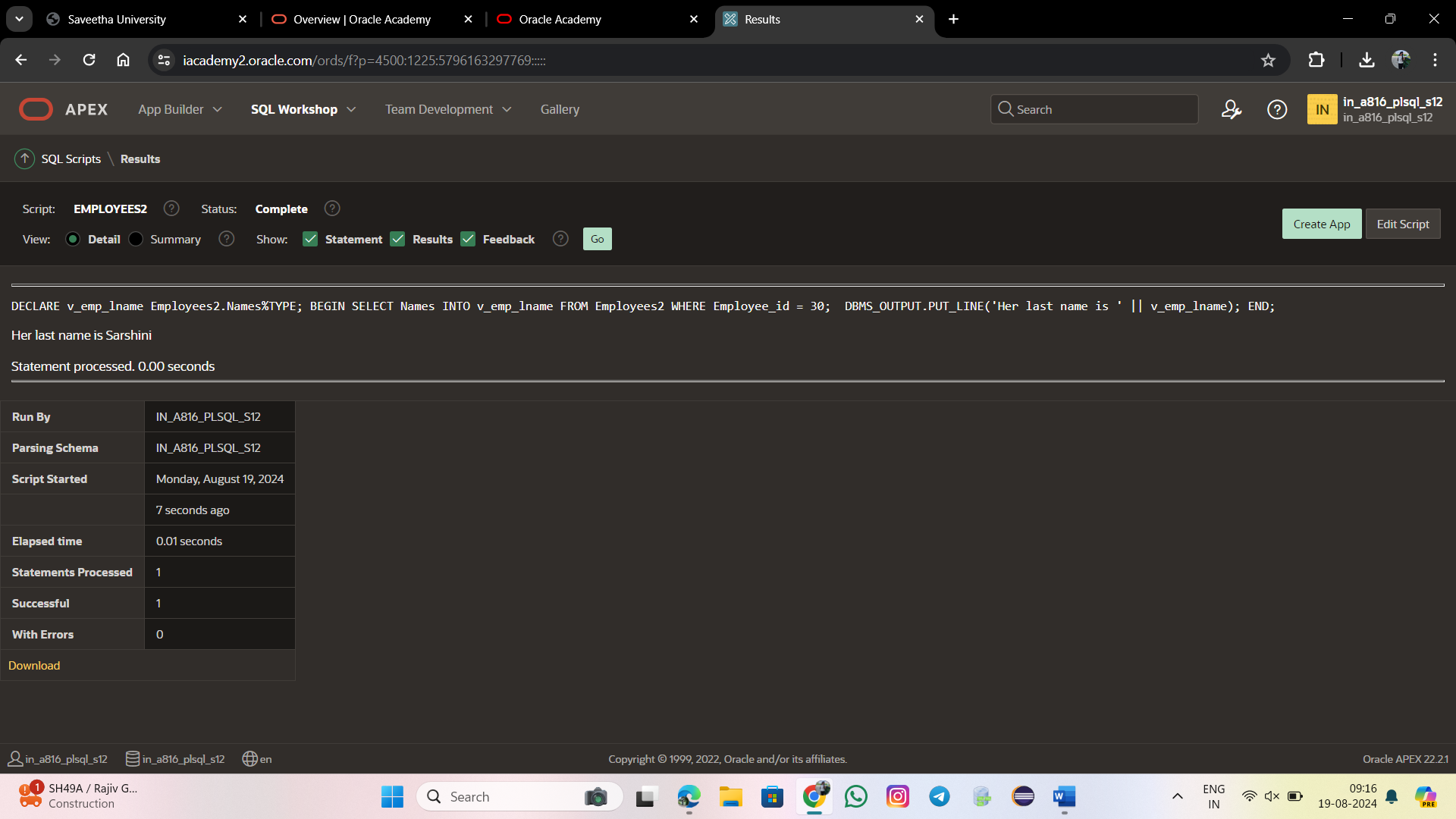
INTO v\_emp\_lname

FROM Employees2

WHERE Employee\_id = 30;

DBMS\_OUTPUT.PUT\_LINE('Her last name is ' || v\_emp\_lname);

END;



BEGIN

MERGE INTO EMPLOYEES2 c USING BONUSES e

ON (e.Employee\_Id = c.Employee\_Id)

WHEN MATCHED THEN

UPDATE SET

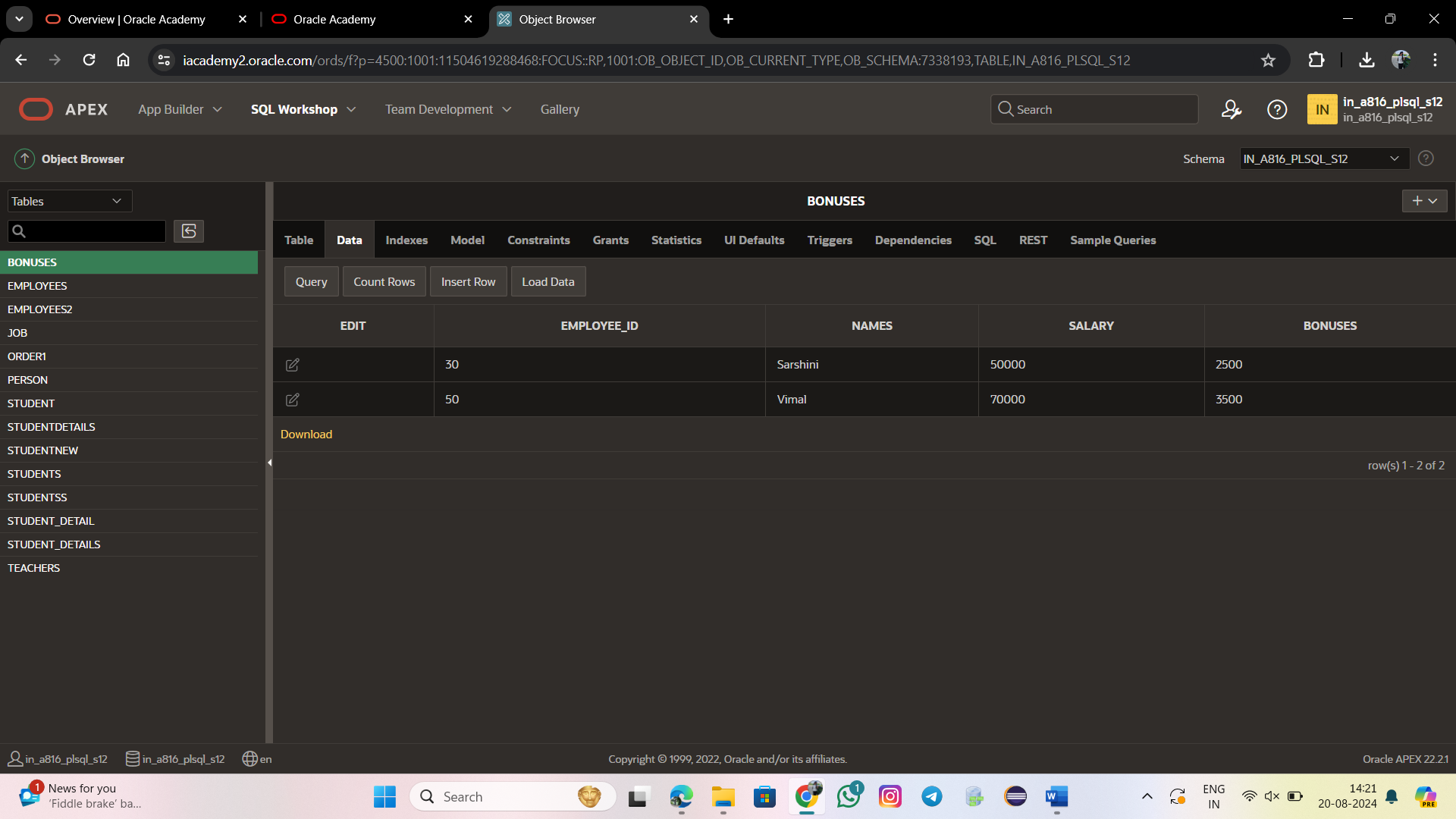
c. Names = e.Names,

c. Salary = e.Salary

WHEN NOT MATCHED THEN

INSERT VALUES(e.Employee\_id, e.Names, e.Salary);

END;



DECLARE

CURSOR c\_emp\_cursor IS

SELECT Employees\_id, last\_name FROM EMPLOYEES

WHERE department\_id = 60;

v\_empno employees.employees\_id%TYPE;

v\_lname employees.last\_name%TYPE;

BEGIN

OPEN c\_emp\_cursor;

LOOP

FETCH c\_emp\_cursor INTO v\_empno, v\_lname;

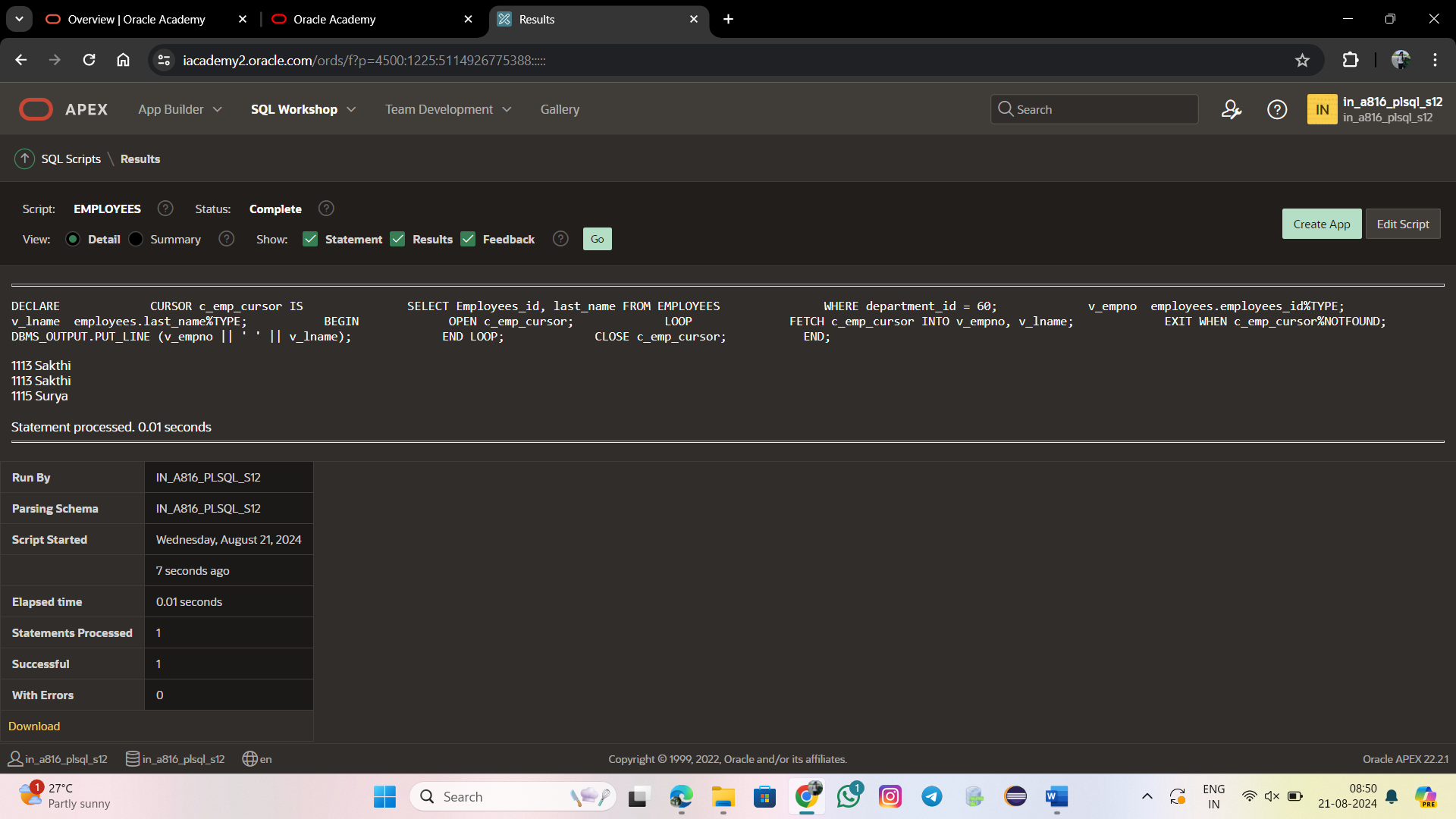
EXIT WHEN c\_emp\_cursor%NOTFOUND;

DBMS\_OUTPUT.PUT\_LINE (v\_empno || ' ' || v\_lname);

END LOOP;

CLOSE c\_emp\_cursor;

END;



DECLARE

CURSOR c\_emp\_cursor IS

SELECT employees\_id, last\_name FROM EMPLOYEES

WHERE department\_id = 60;

v\_emp\_record c\_emp\_cursor%ROWTYPE;

BEGIN

OPEN c\_emp\_cursor;

LOOP

FETCH c\_emp\_cursor INTO v\_emp\_record;

EXIT WHEN c\_emp\_cursor%NOTFOUND;

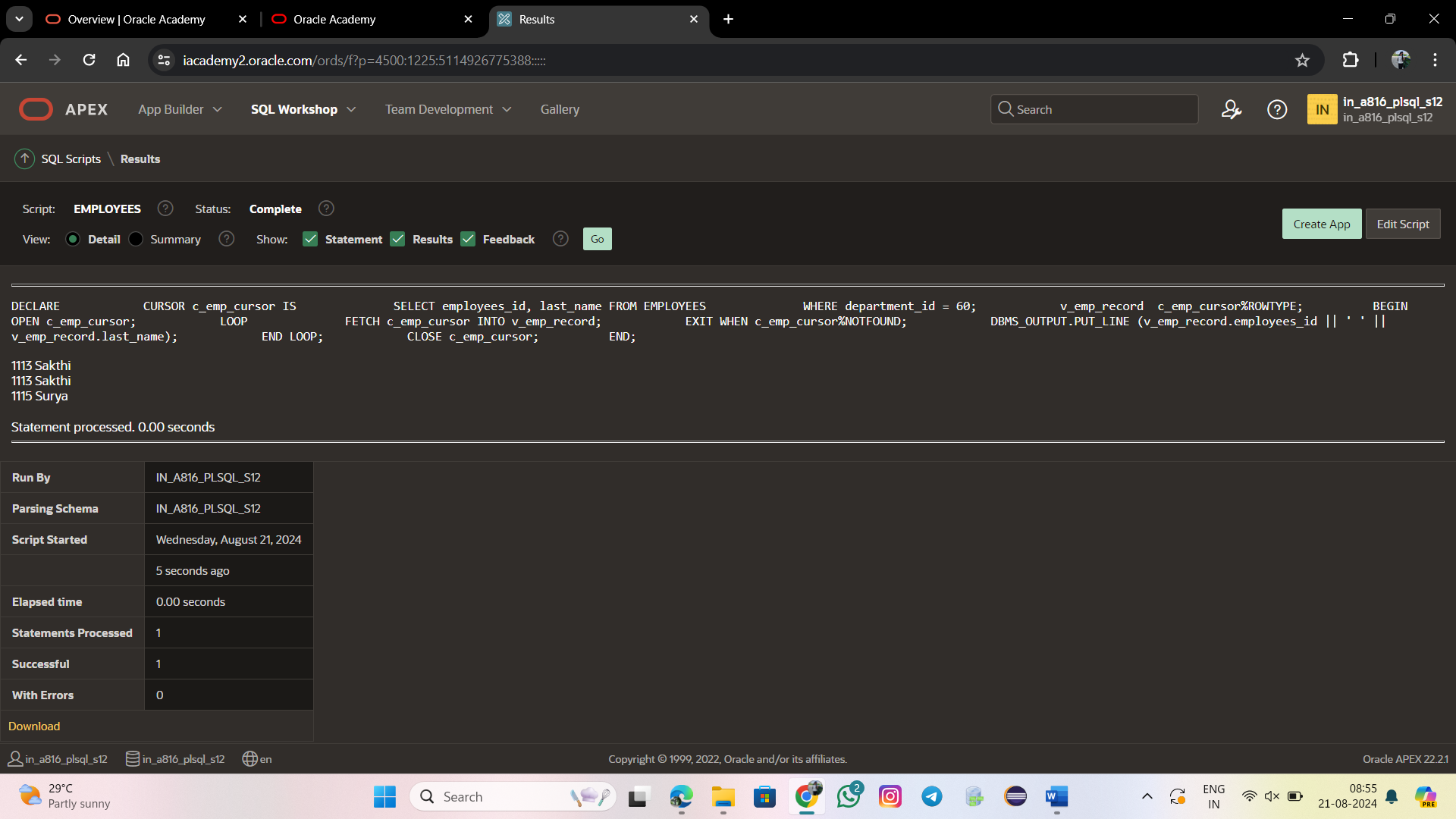
DBMS\_OUTPUT.PUT\_LINE (v\_emp\_record.employees\_id || ' ' ||

v\_emp\_record.last\_name);

END LOOP;

CLOSE c\_emp\_cursor;

END;



DECLARE

CURSOR c\_emp\_cursor IS

SELECT employees\_id, last\_name FROM EMPLOYEES

WHERE department\_id = 60;

v\_emp\_record c\_emp\_cursor%ROWTYPE;

BEGIN

OPEN c\_emp\_cursor;

LOOP

FETCH c\_emp\_cursor INTO v\_emp\_record;

EXIT WHEN c\_emp\_cursor%ROWCOUNT > 4 OR c\_emp\_cursor%NOTFOUND;

DBMS\_OUTPUT.PUT\_LINE (v\_emp\_record.employees\_id || ' ' ||

v\_emp\_record.last\_name);

END LOOP;

CLOSE c\_emp\_cursor;

END;

