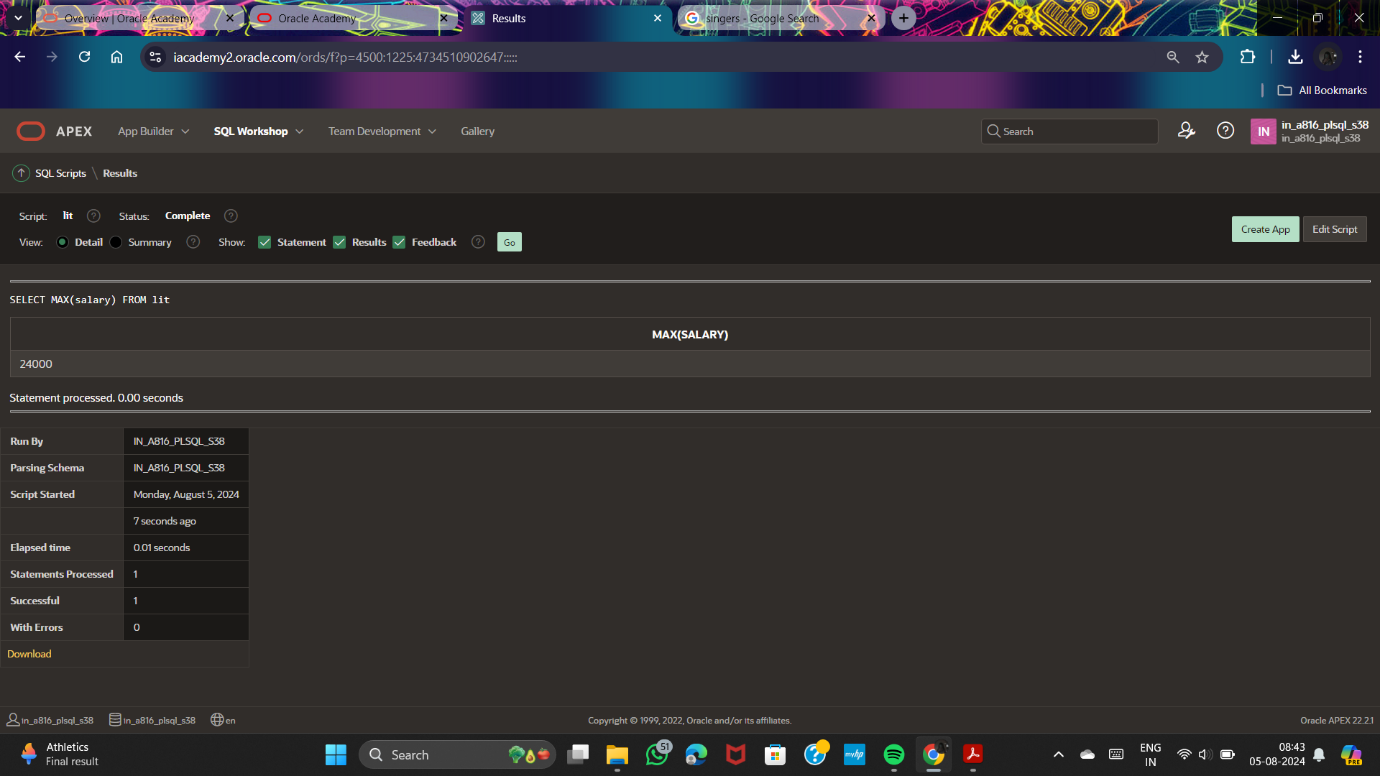
SELECT MAX(salary)

FROM lit;

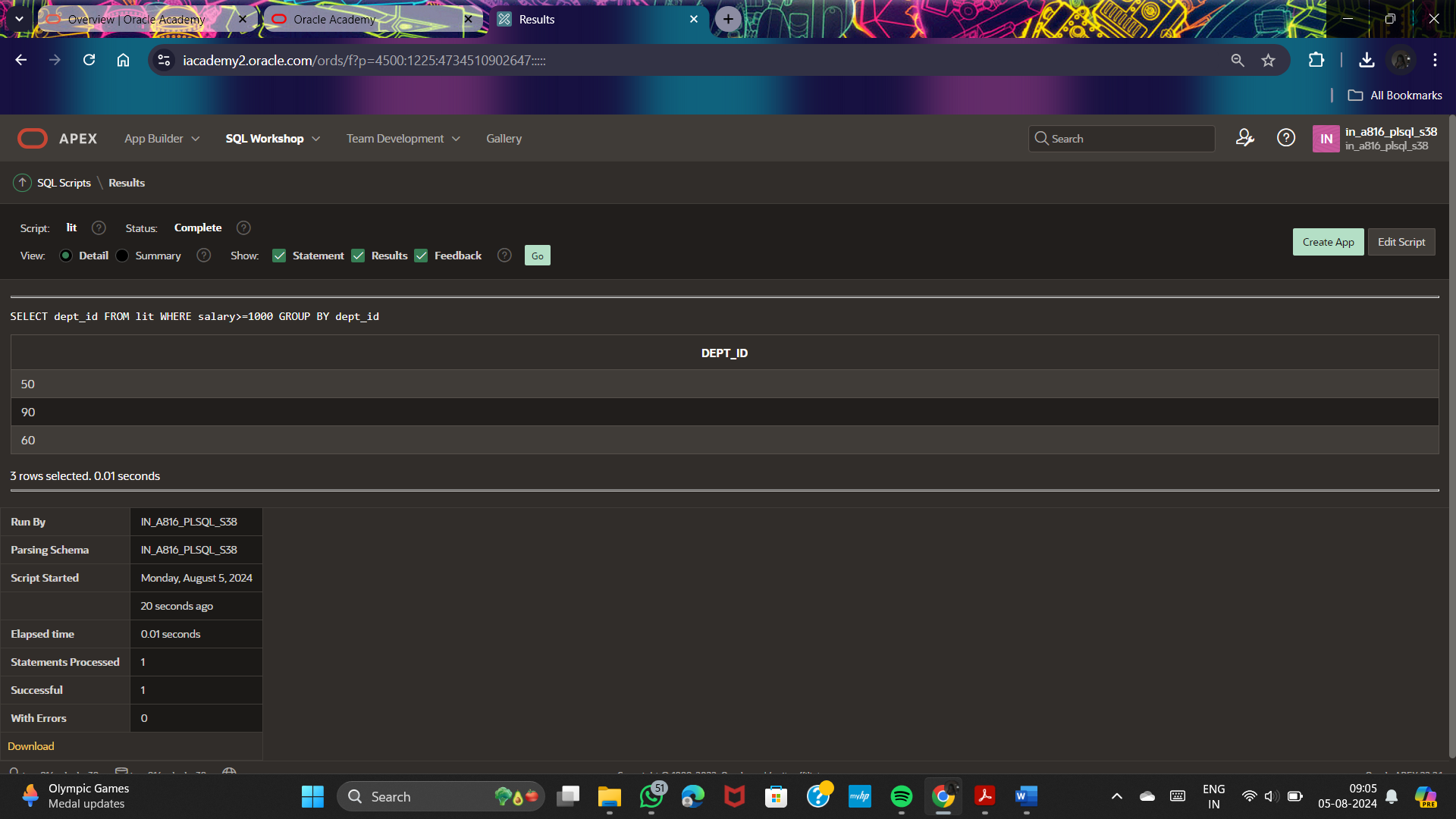


SELECT dept\_id

FROM lit

WHERE salary>=1000

GROUP BY dept\_id;

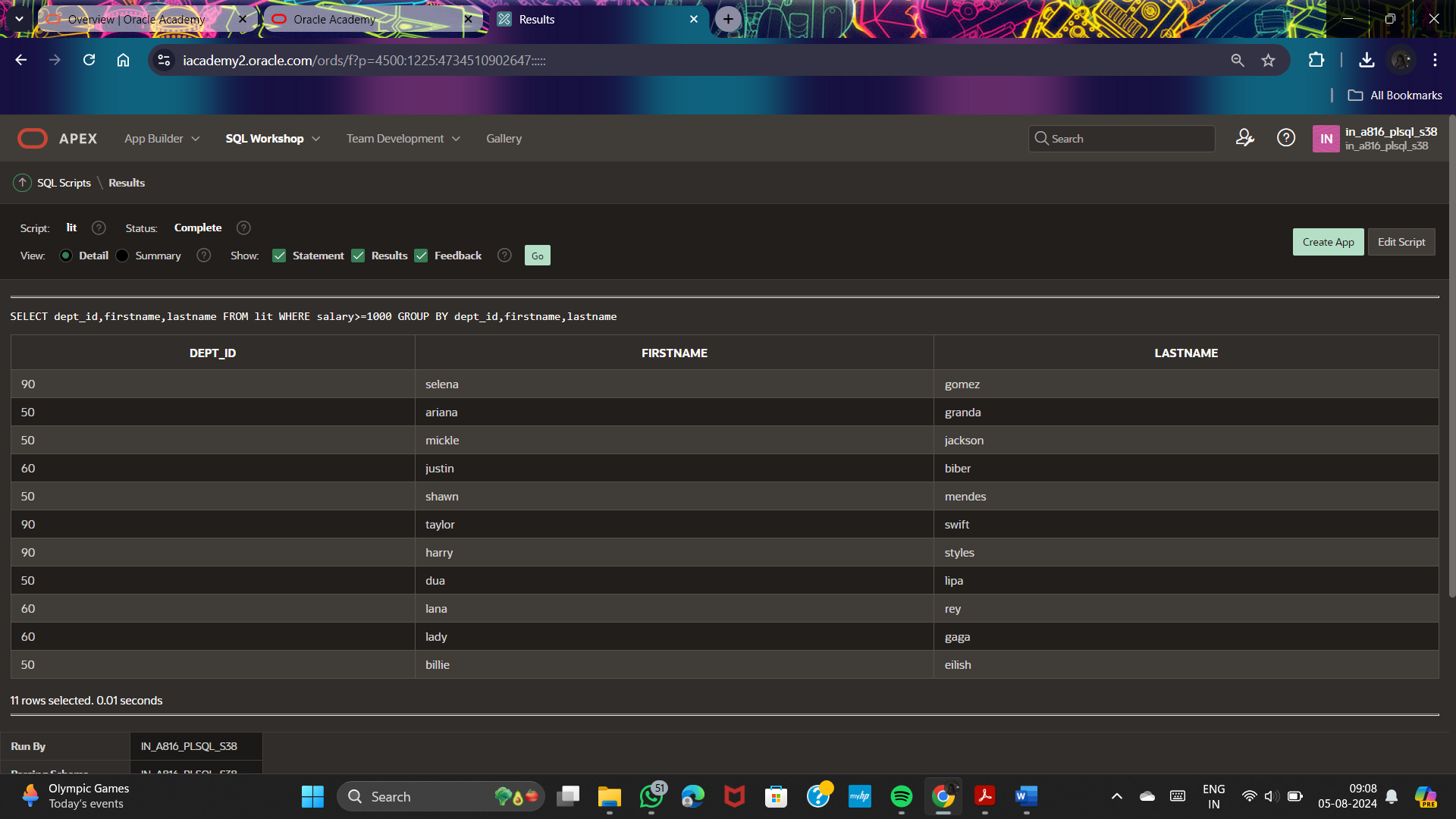


SELECT dept\_id,firstname,lastname

FROM lit

WHERE salary>=1000

GROUP BY dept\_id,firstname,lastname;

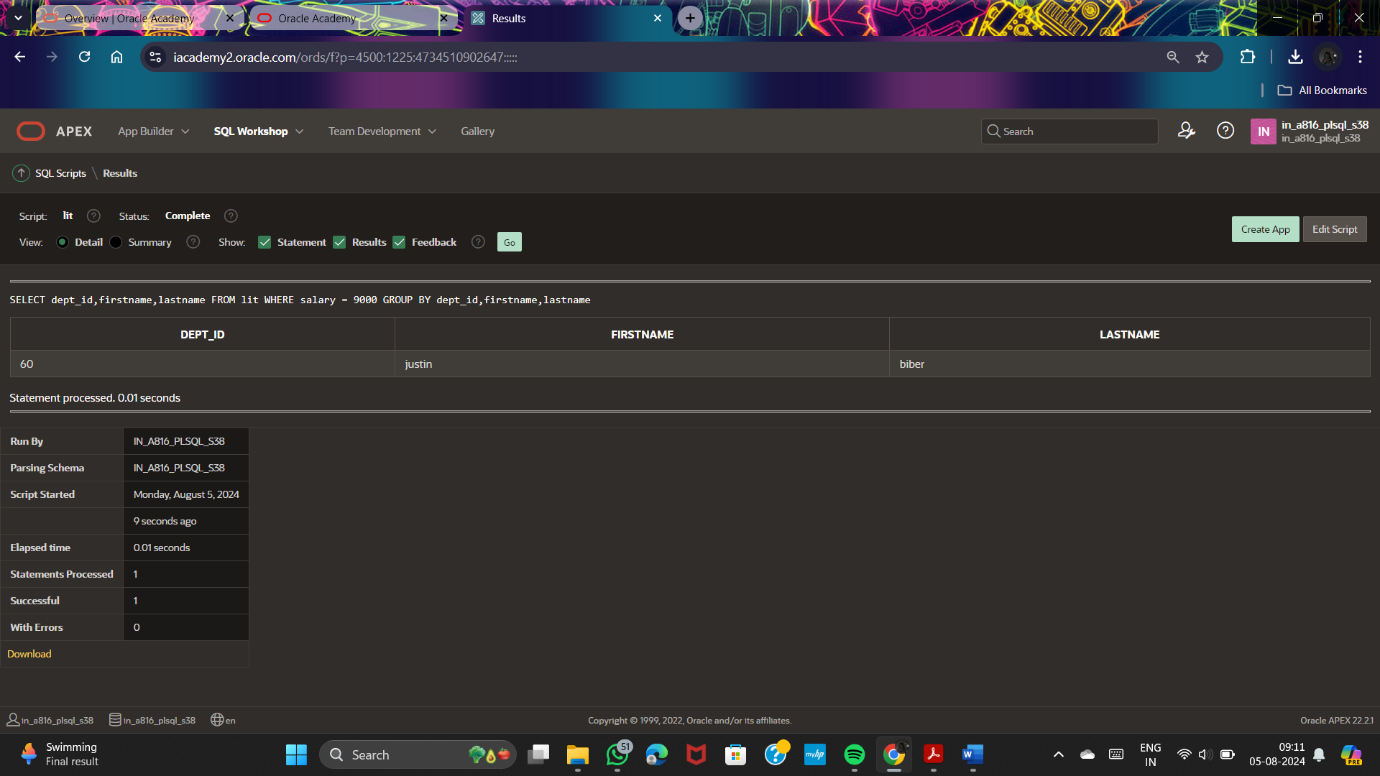


SELECT dept\_id,firstname,lastname

FROM lit

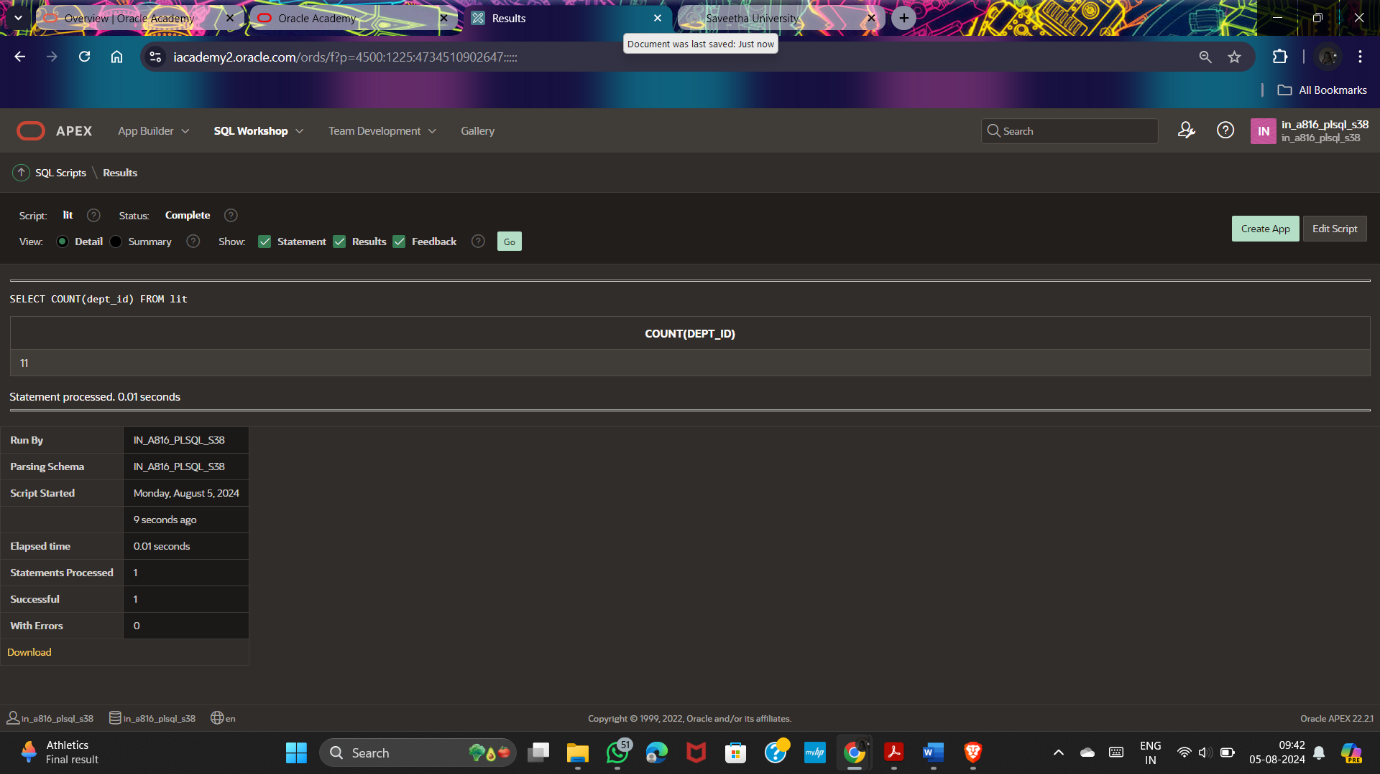
WHERE salary = 9000

GROUP BY dept\_id,firstname,lastname;



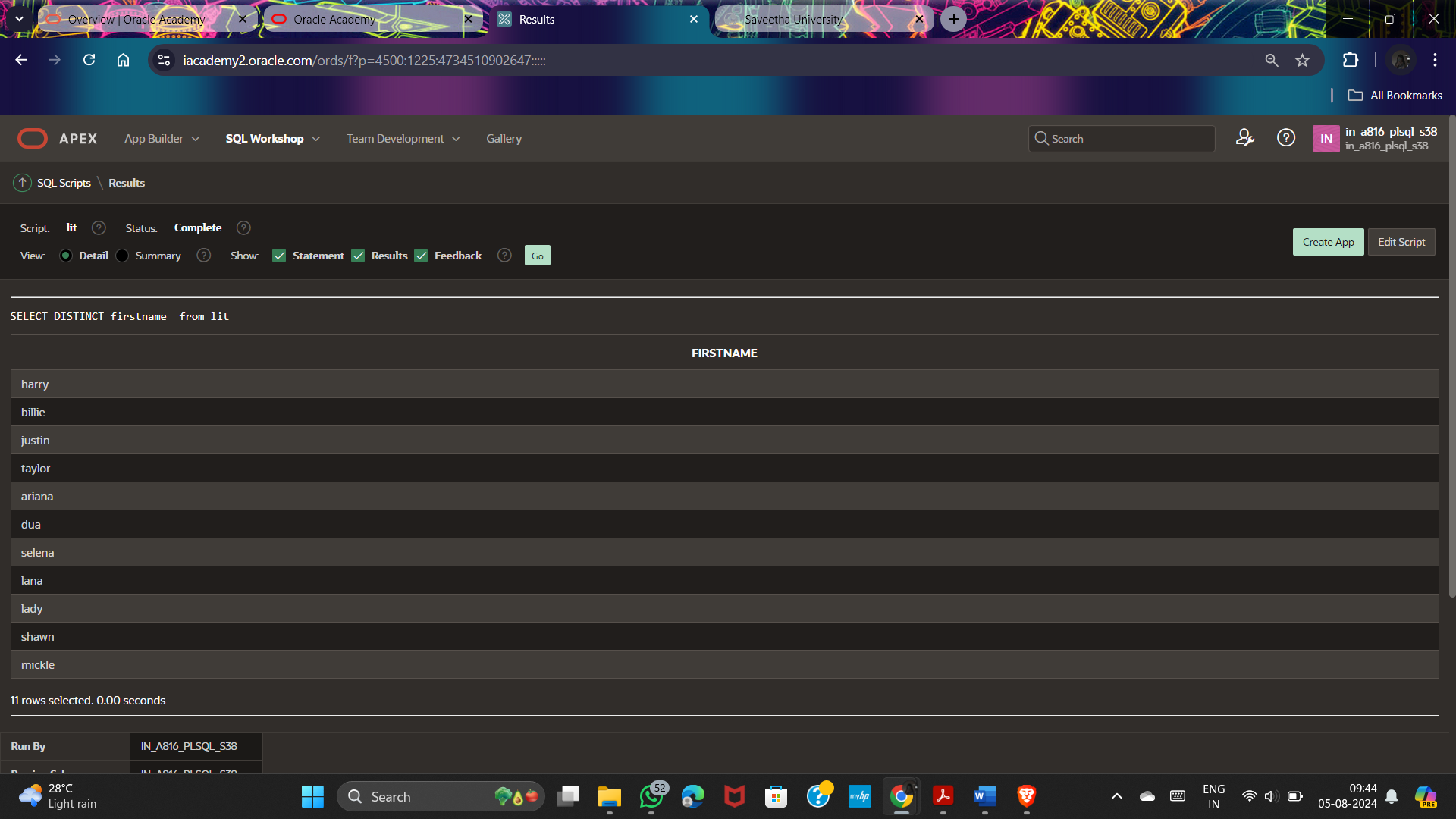
SELECT COUNT(dept\_id)

FROM lit;



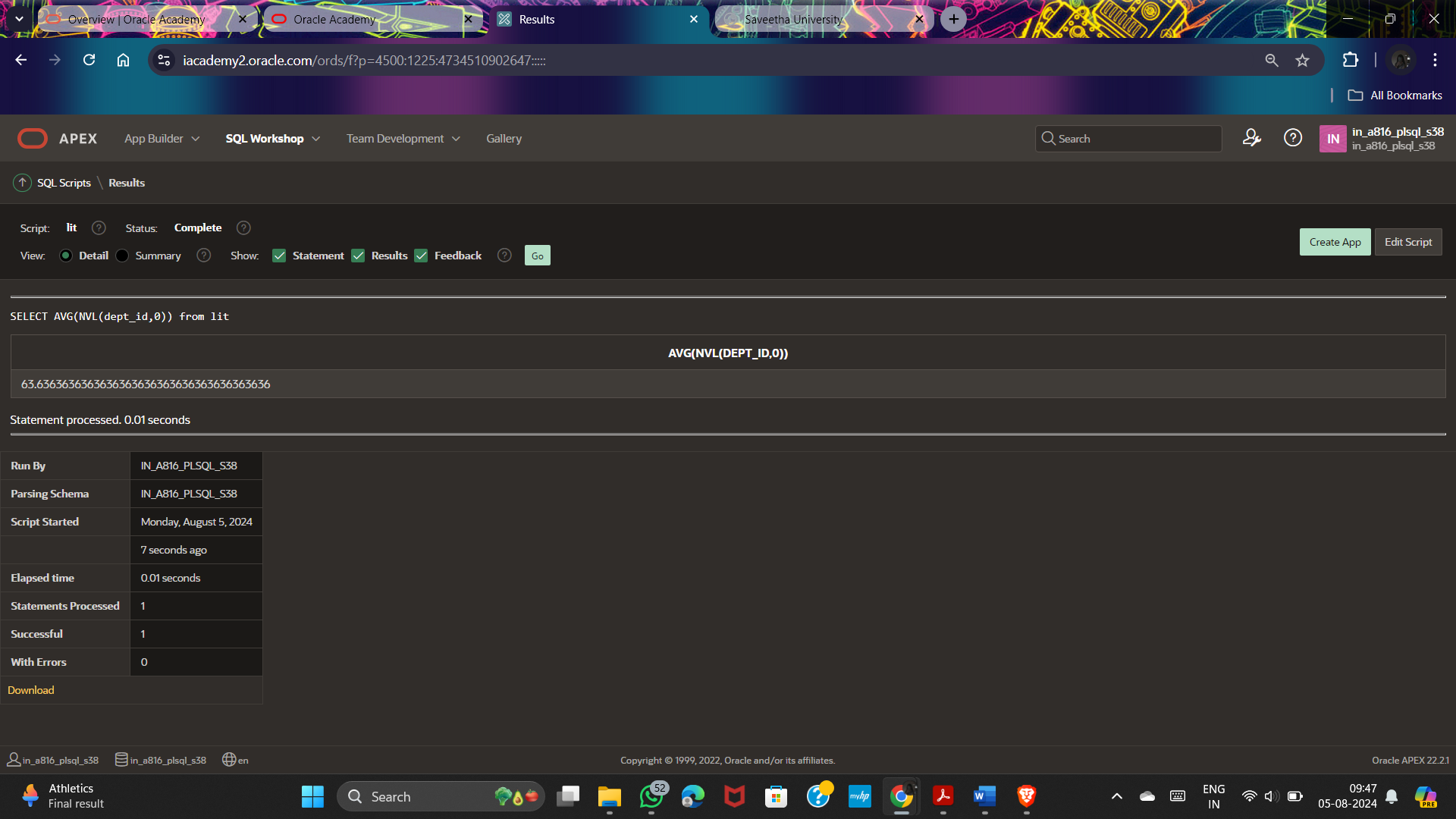
SELECT DISTINCT firstname

from lit;

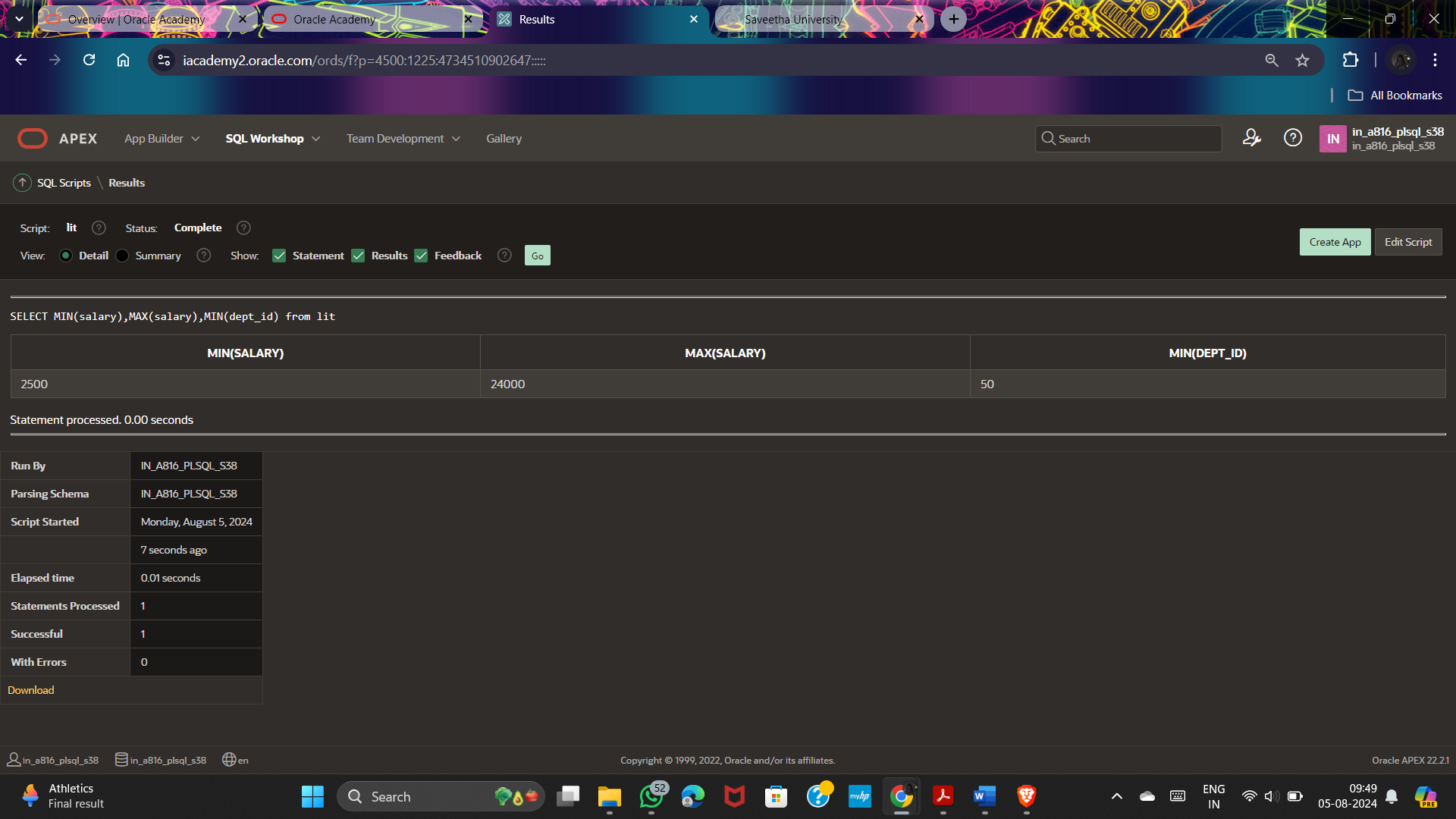


SELECT AVG(NVL(dept\_id,0))

from lit;



SELECT MIN(salary),MAX(salary),MIN(dept\_id)

from lit;

SELECT dept\_id,AVG(salary)

FROM lit

GROUP BY dept\_id

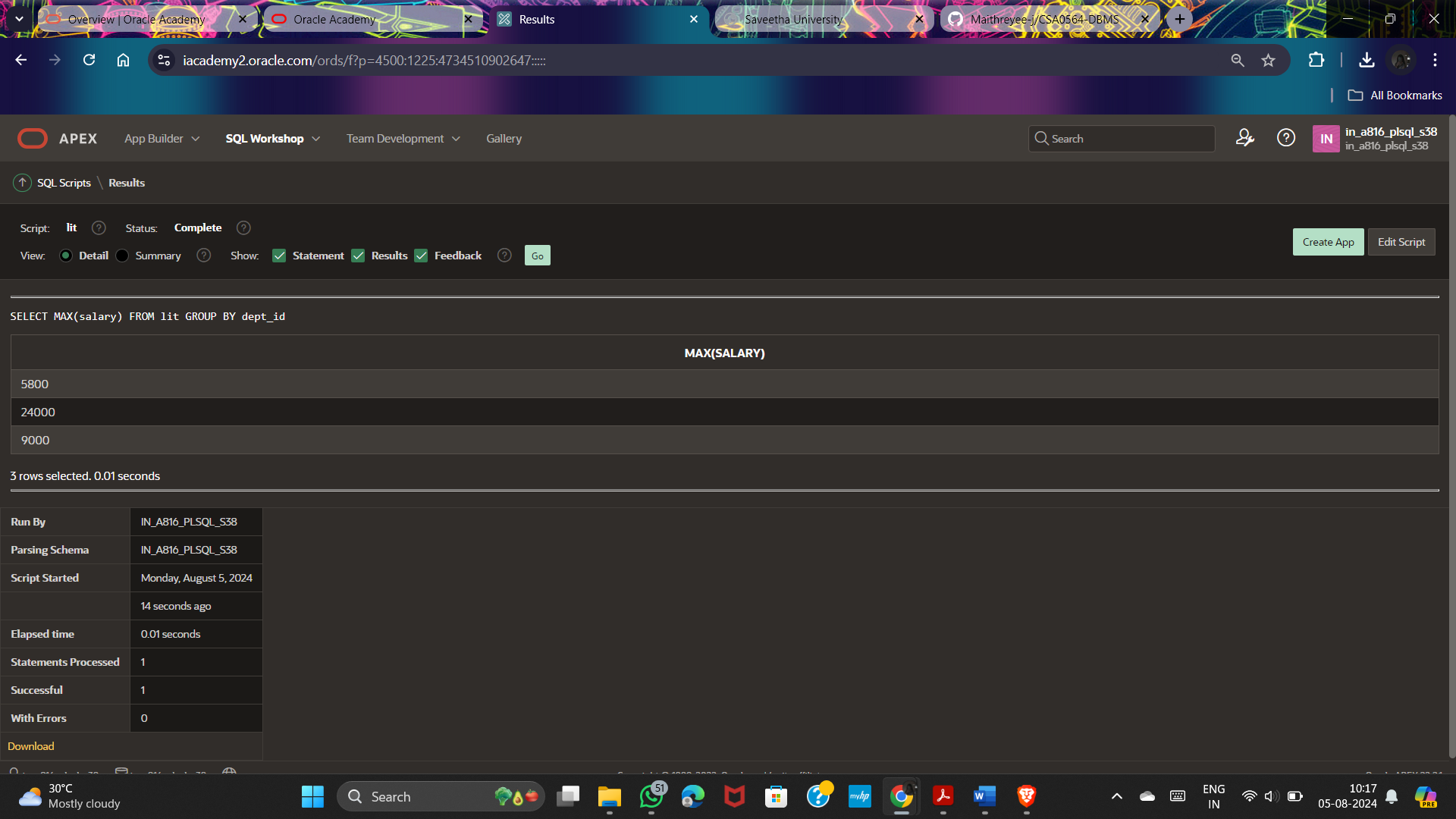
ORDER BY dept\_id;



SELECT MAX(salary)

FROM lit

GROUP BY dept\_id;

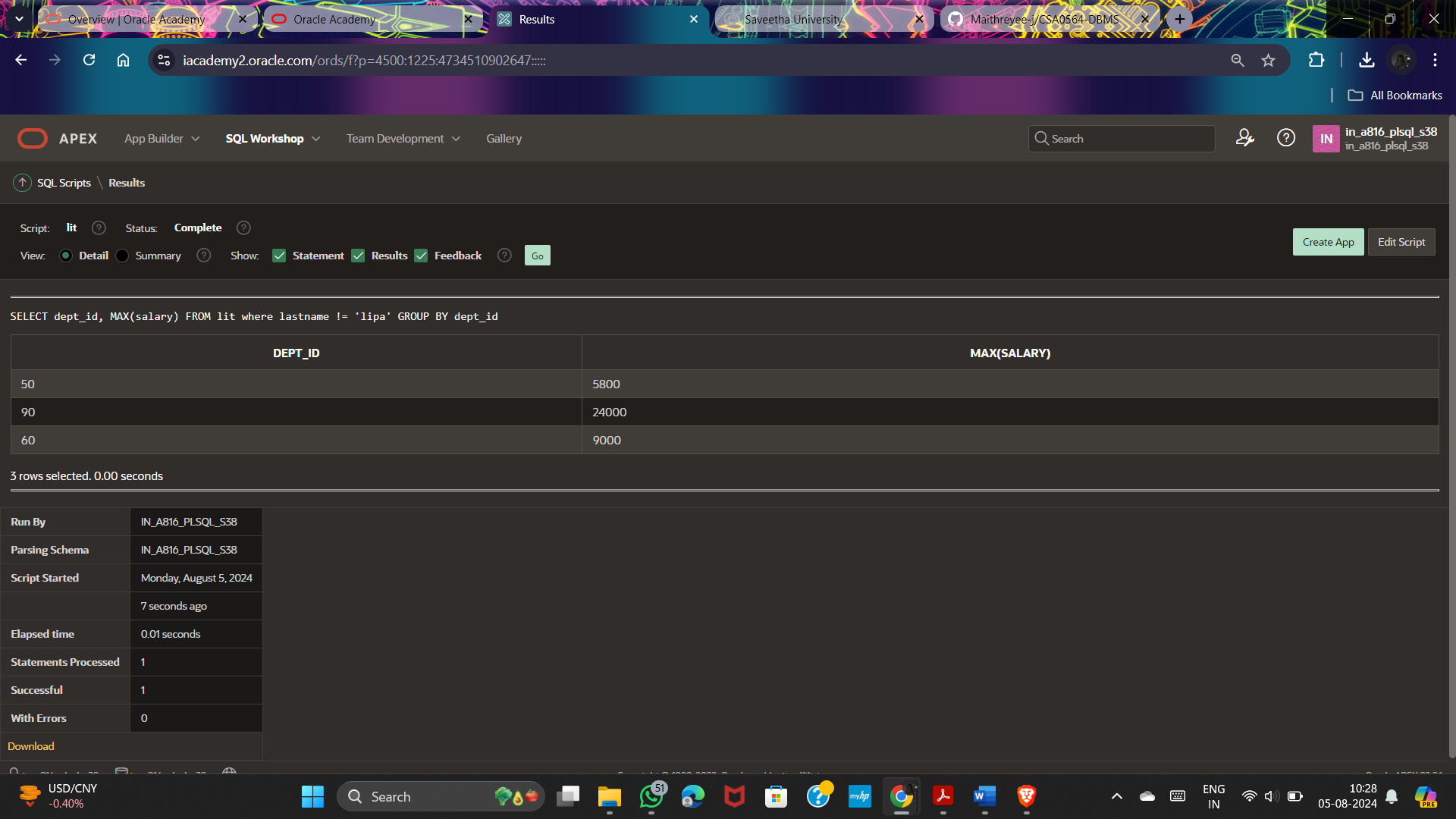


SELECT dept\_id, MAX(salary)

FROM lit

where lastname != 'lipa'

GROUP BY dept\_id;



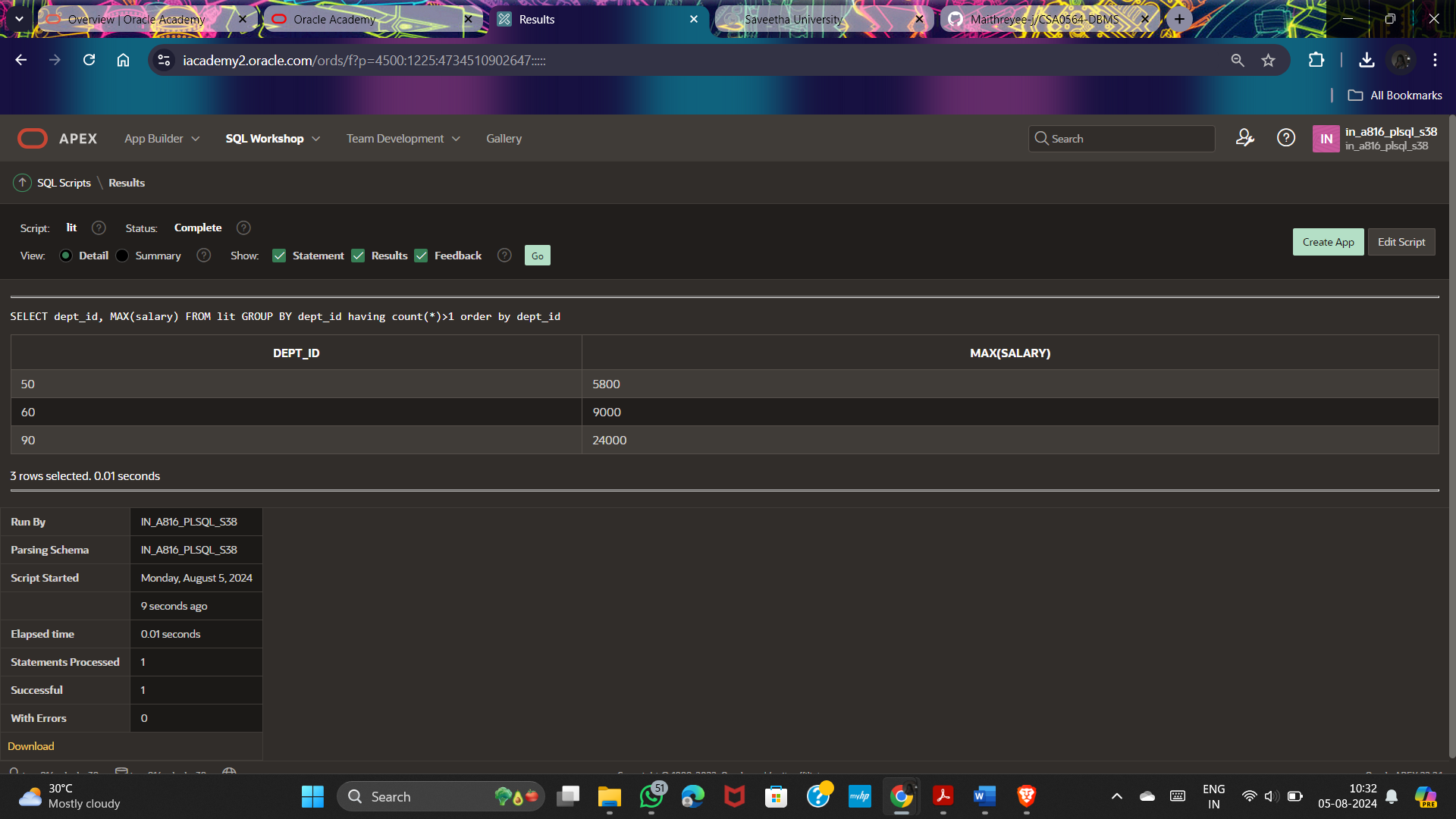
SELECT dept\_id, MAX(salary)

FROM lit

GROUP BY dept\_id

having count(\*)>1

order by dept\_id;



**MERGE:**

MERGE INTO copyemp c

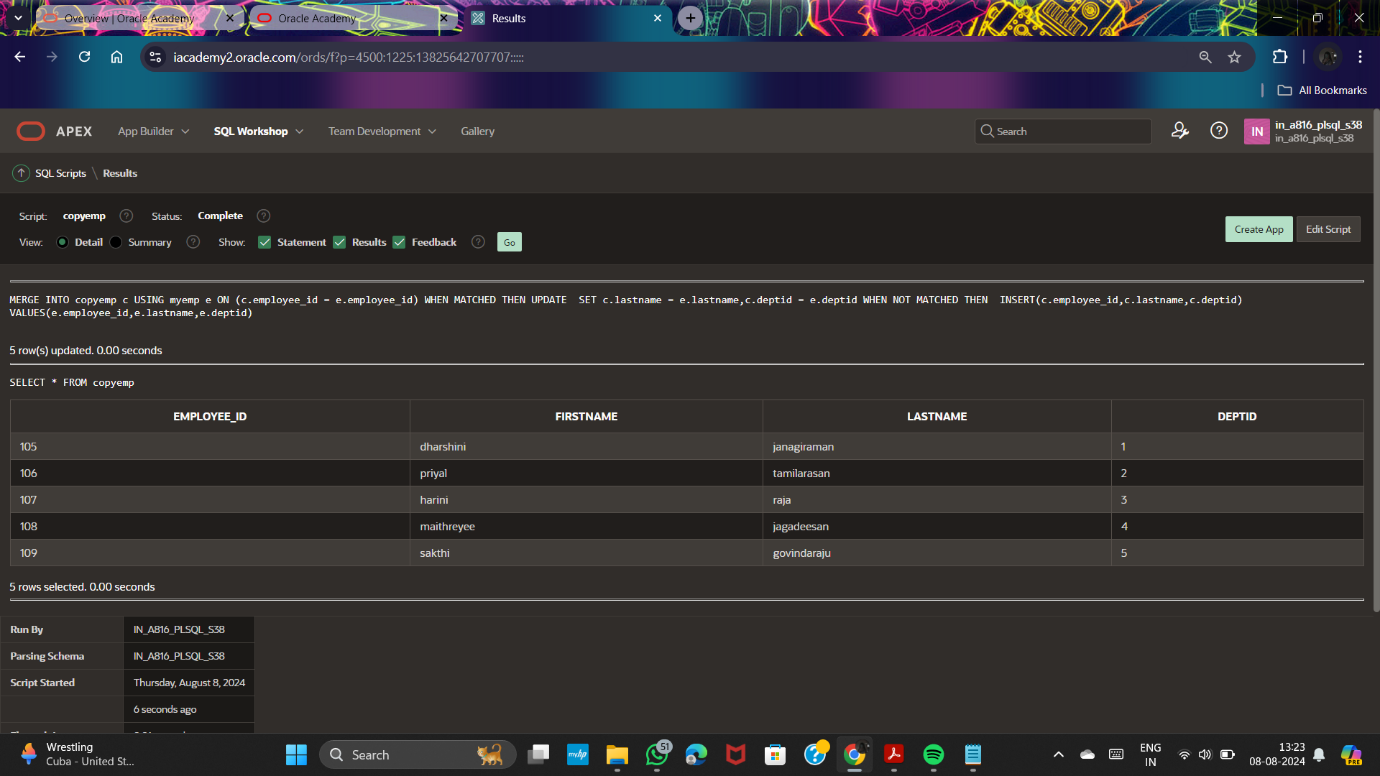
USING myemp e

ON (c.employee\_id = e.employee\_id)

WHEN MATCHED THEN UPDATE

SET c.lastname = e.lastname,c.deptid = e.deptid

WHEN NOT MATCHED THEN INSERT(c.employee\_id,c.lastname,c.deptid) VALUES(e.employee\_id,e.lastname,e.deptid)

****

**SEQUENCE: example 1**

CREATE TABLE runners

(runner\_id NUMBER(6,0) CONSTRAINT runners\_id\_pk PRIMARY KEY,

first\_name VARCHAR2(30),

last\_name VARCHAR2(30));

CREATE SEQUENCE runner\_id\_seq

INCREMENT BY 1

START WITH 1

MAXVALUE 50000

NOCACHE

NOCYCLE;

INSERT INTO runners

(runner\_id, first\_name, last\_name)

VALUES (runner\_id\_seq.NEXTVAL, 'Joanne', 'Everely');

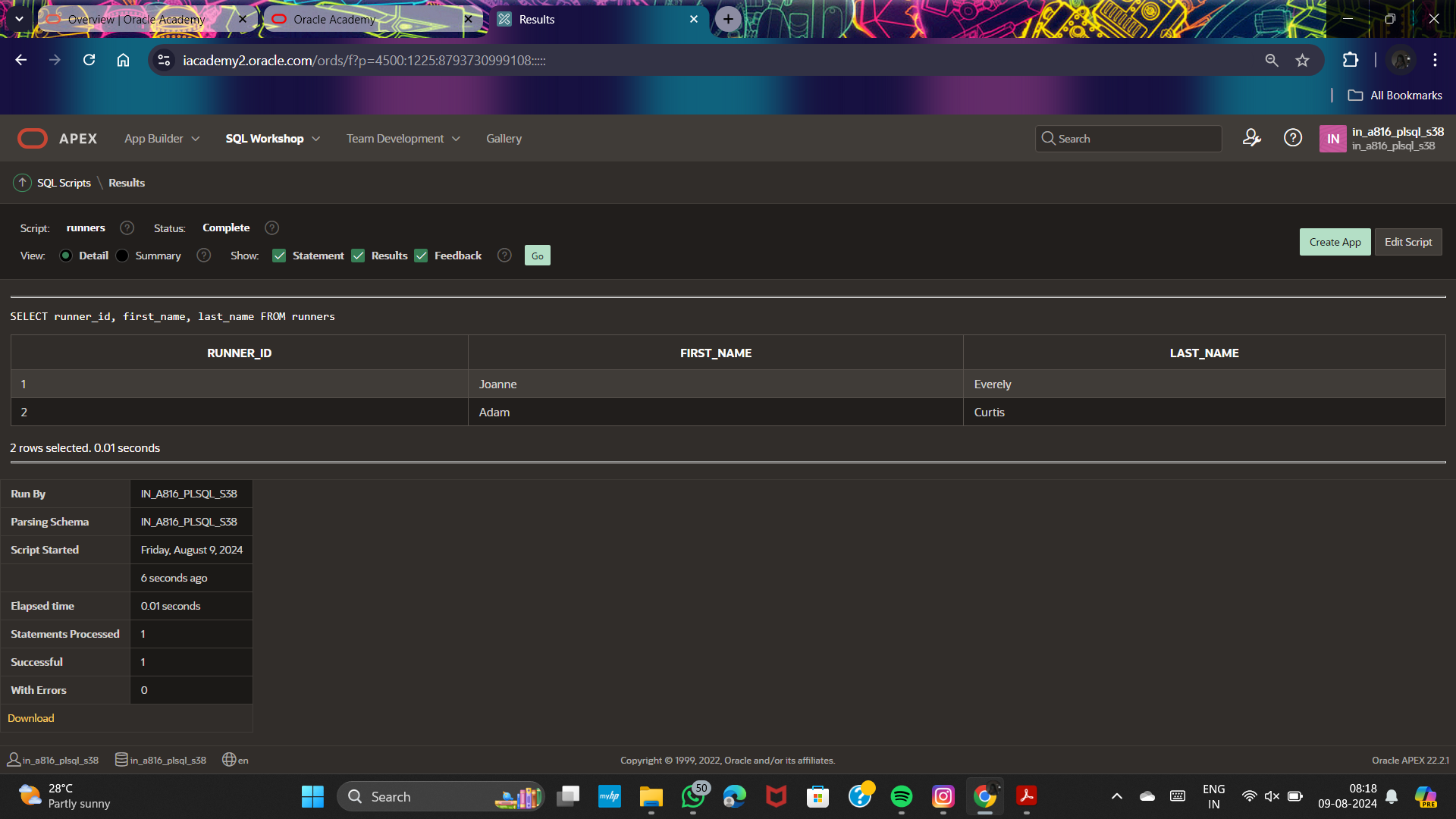
INSERT INTO runners

(runner\_id, first\_name, last\_name)

VALUES (runner\_id\_seq.NEXTVAL, 'Adam', 'Curtis');

SELECT runner\_id, first\_name, last\_name

FROM runners;



**Example 2:**

CREATE SEQUENCE sequence\_1

INCREMENT BY 1

START WITH 1

MAXVALUE 50000

NOCACHE

NOCYCLE;

SELECT sequence\_name, min\_value, max\_value, increment\_by,

last\_number

FROM user\_sequences;

CREATE TABLE students

(

ID number(10),

NAME char(20)

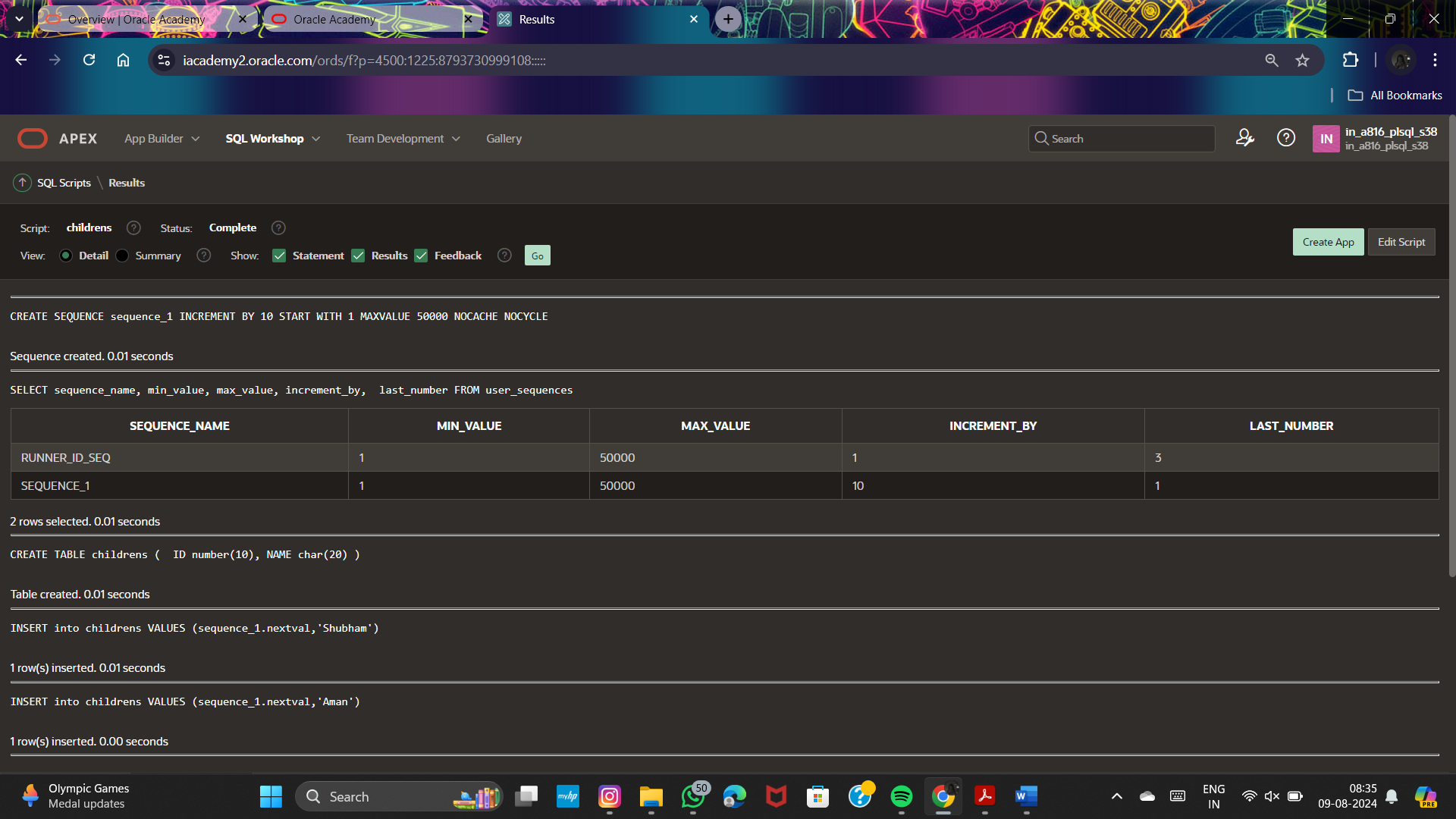
);

INSERT into students VALUES

(sequence\_1.nextval,'Shubham');

INSERT into students VALUES

(sequence\_1.nextval,'Aman');



**Ensuring Quality Query Results - Advanced Techniques:**

CREATE TABLE empl

AS select \* FROM copyemp

