DECLARE

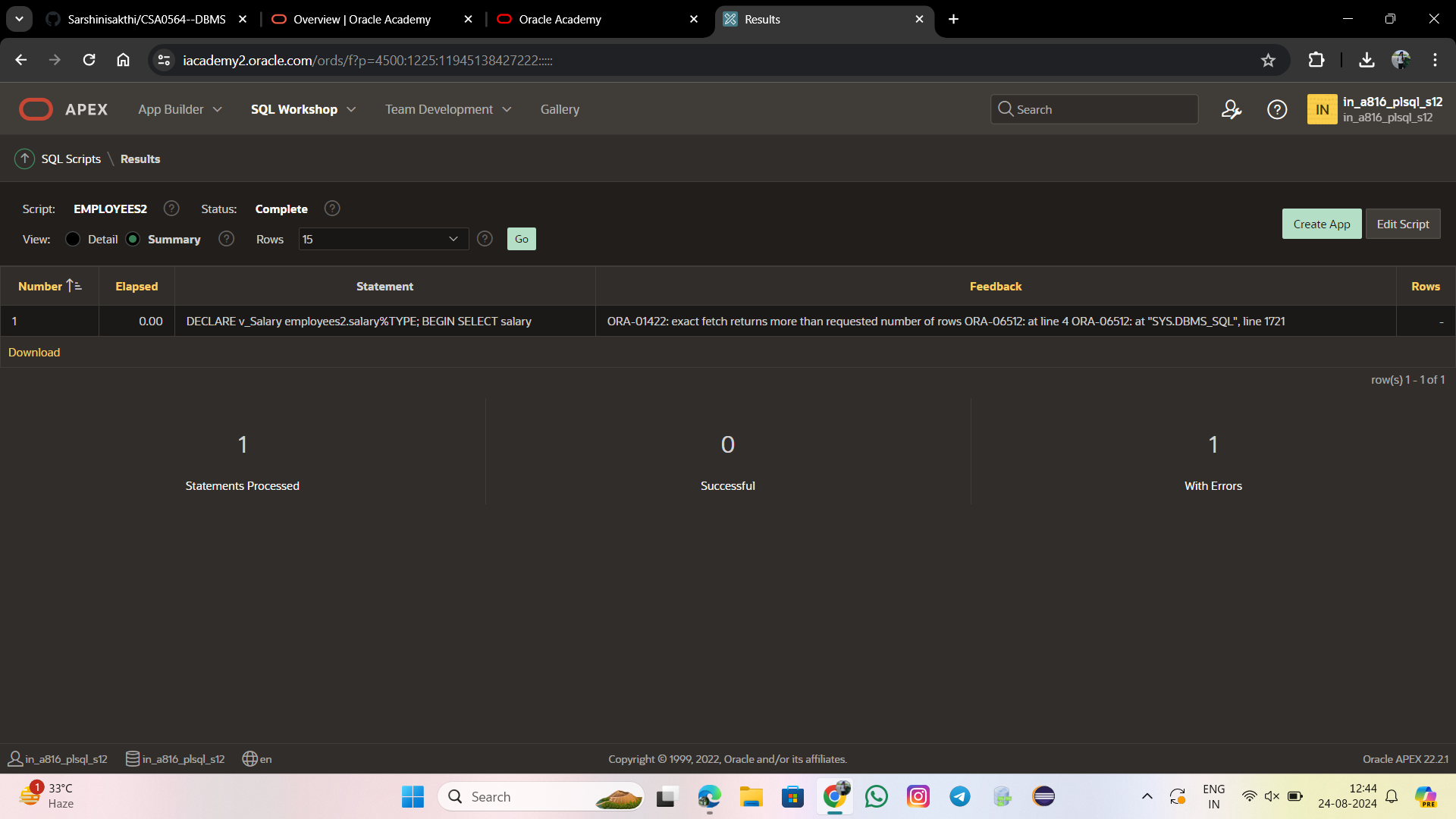
v\_Salary employees2.salary%TYPE;

BEGIN

SELECT salary INTO v\_Salary

FROM EMPLOYEES2;

DBMS\_OUTPUT.PUT\_LINE(' Salary is : '||v\_Salary);

END; 

DECLARE

CURSOR cur\_emps IS

SELECT NAMES, SALARY FROM EMPLOYEES2 ;

v\_NAMES EMPLOYEES2.NAMES%TYPE;

v\_SALARY EMPLOYEES2.SALARY%TYPE;

BEGIN

OPEN cur\_emps;

LOOP

FETCH cur\_emps INTO v\_NAMES, v\_SALARY;

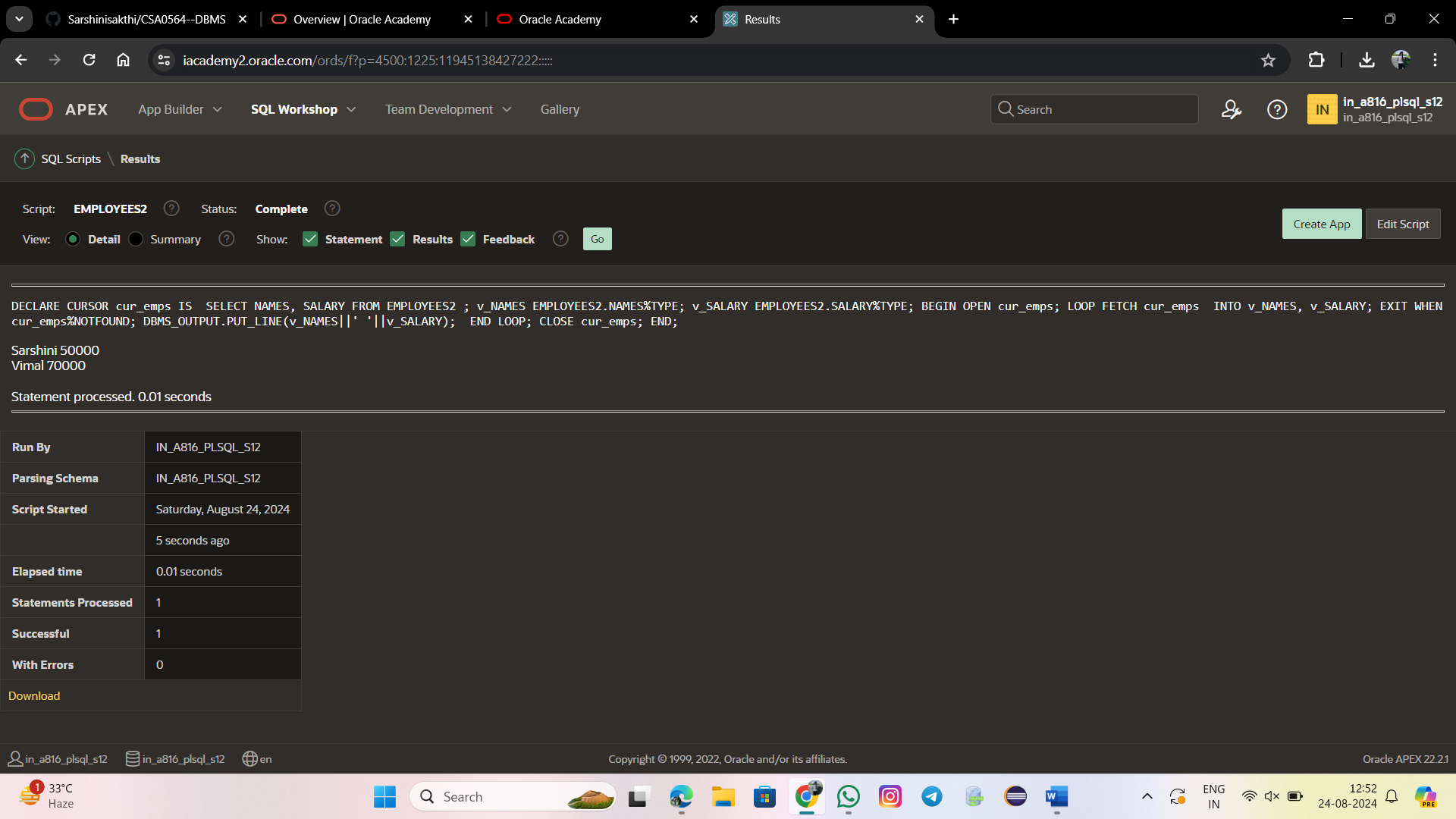
EXIT WHEN cur\_emps%NOTFOUND;

DBMS\_OUTPUT.PUT\_LINE(v\_NAMES||' '||v\_SALARY);

END LOOP;

CLOSE cur\_emps;

END;



DECLARE

CURSOR emp\_cursor IS

SELECT employee\_id, NAMES FROM employees2

WHERE EMPLOYEE\_id =30;

v\_empno employees2.employee\_id%TYPE;

v\_name employees2.NAMES%TYPE;

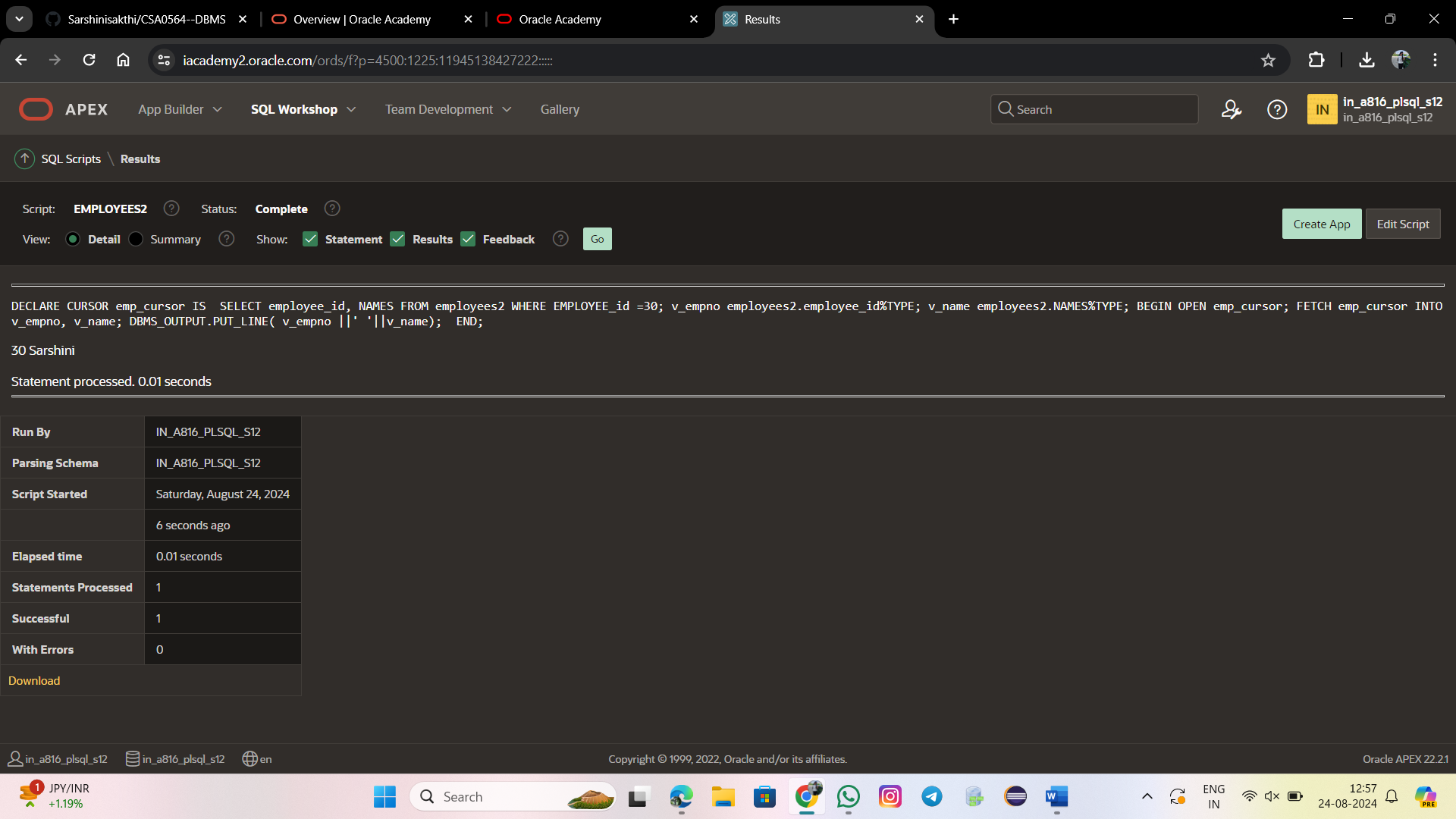
BEGIN

OPEN emp\_cursor;

FETCH emp\_cursor INTO v\_empno, v\_name;

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

END;



DECLARE

CURSOR cur\_emps IS

SELECT EMPLOYEE\_ID, SALARY FROM EMPLOYEES2;

v\_empid EMPLOYEES2.EMPLOYEE\_ID%TYPE;

v\_sal EMPLOYEES2.SALARY%TYPE;

BEGIN

OPEN cur\_emps;

LOOP

FETCH cur\_emps INTO v\_empid, v\_sal;

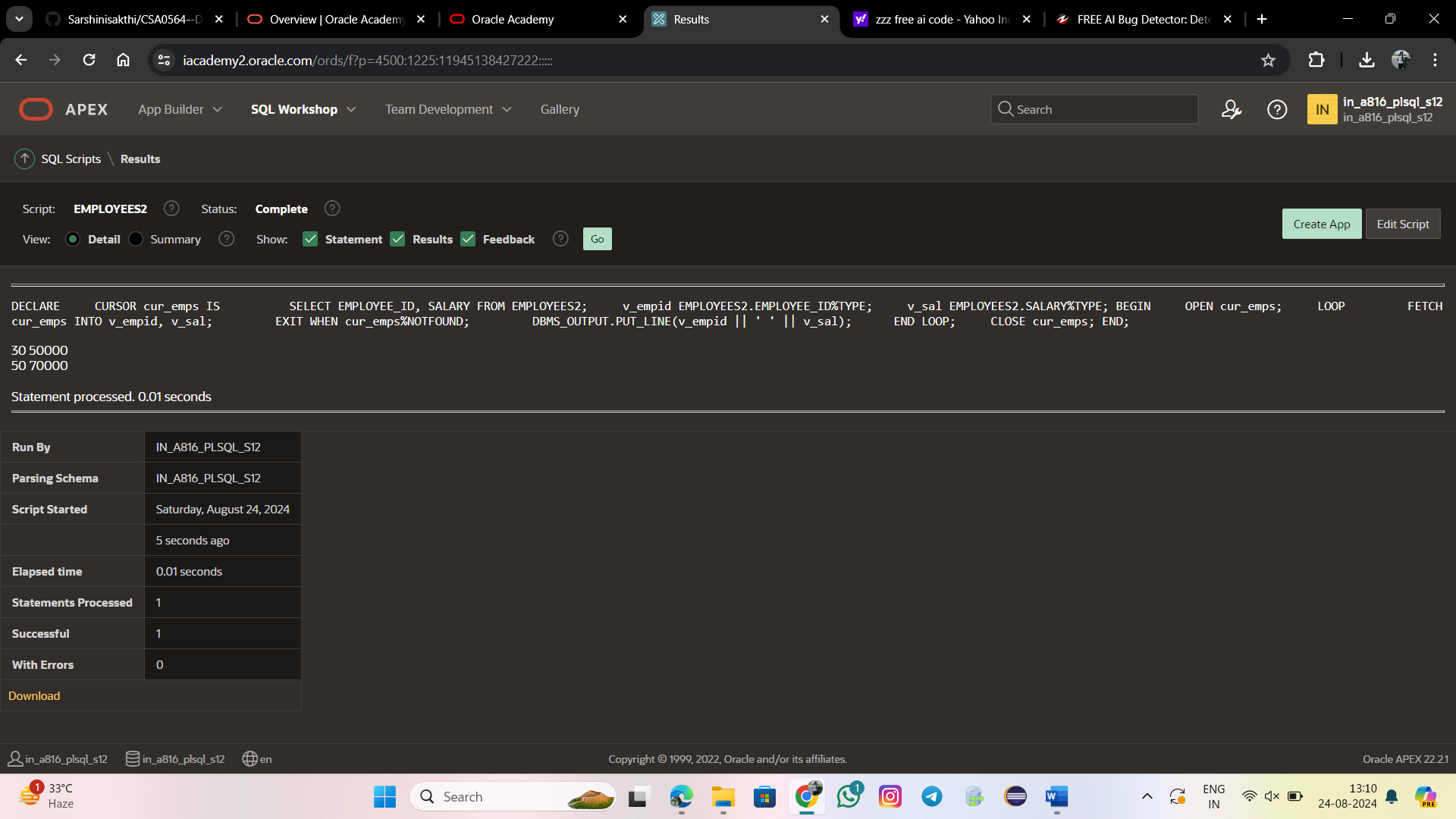
EXIT WHEN cur\_emps%NOTFOUND;

DBMS\_OUTPUT.PUT\_LINE(v\_empid || ' ' || v\_sal);

END LOOP;

CLOSE cur\_emps;

END;



**MODULE 5.2**

DECLARE

CURSOR cur\_emps IS

SELECT \* FROM employees2

WHERE EMPLOYEE\_id = 30;

v\_emp\_record cur\_emps%ROWTYPE;

BEGIN

OPEN cur\_emps;

LOOP

FETCH cur\_emps INTO v\_emp\_record;

EXIT WHEN cur\_emps%NOTFOUND;

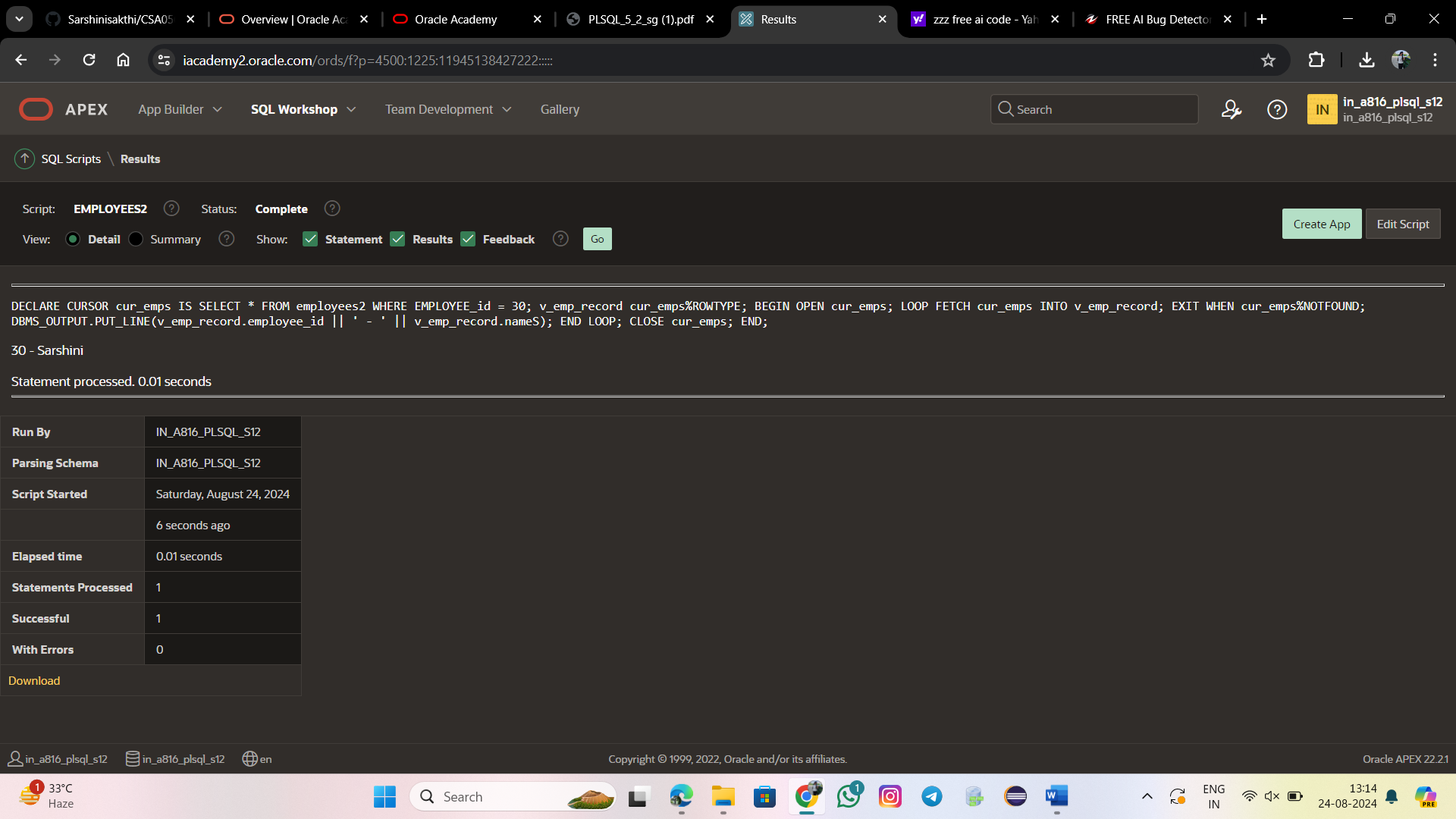
DBMS\_OUTPUT.PUT\_LINE(v\_emp\_record.employee\_id || ' - '

|| v\_emp\_record.nameS);

END LOOP;

CLOSE cur\_emps;

END;



DECLARE

CURSOR cur\_emps\_dept IS

SELECT names, salary, employee\_id

FROM employees e, employees2 d

WHERE e.employees\_id = d.employee\_id;

v\_emp\_dept\_record cur\_emps\_dept%ROWTYPE;

BEGIN

OPEN cur\_emps\_dept;

LOOP

FETCH cur\_emps\_dept INTO v\_emp\_dept\_record;

EXIT WHEN cur\_emps\_dept%NOTFOUND;

DBMS\_OUTPUT.PUT\_LINE(v\_emp\_dept\_record.names || ' – '

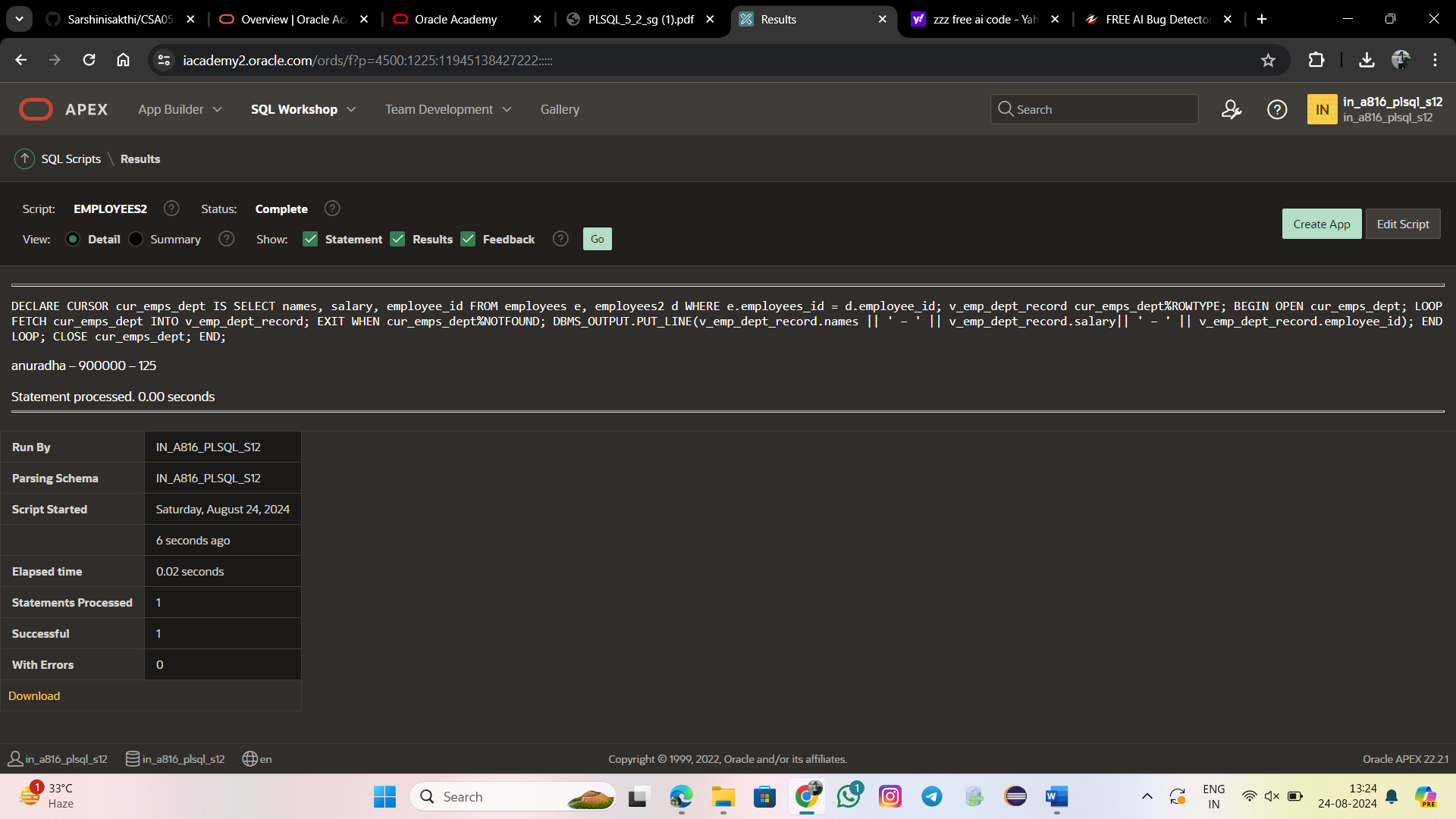
|| v\_emp\_dept\_record.salary|| ' – '

|| v\_emp\_dept\_record.employee\_id);

END LOOP;

CLOSE cur\_emps\_dept;

END;



DECLARE

CURSOR cur\_emps IS

SELECT employee\_id, names FROM employees2;

v\_emp\_record cur\_emps%ROWTYPE;

BEGIN

OPEN cur\_emps;

LOOP

FETCH cur\_emps INTO v\_emp\_record;

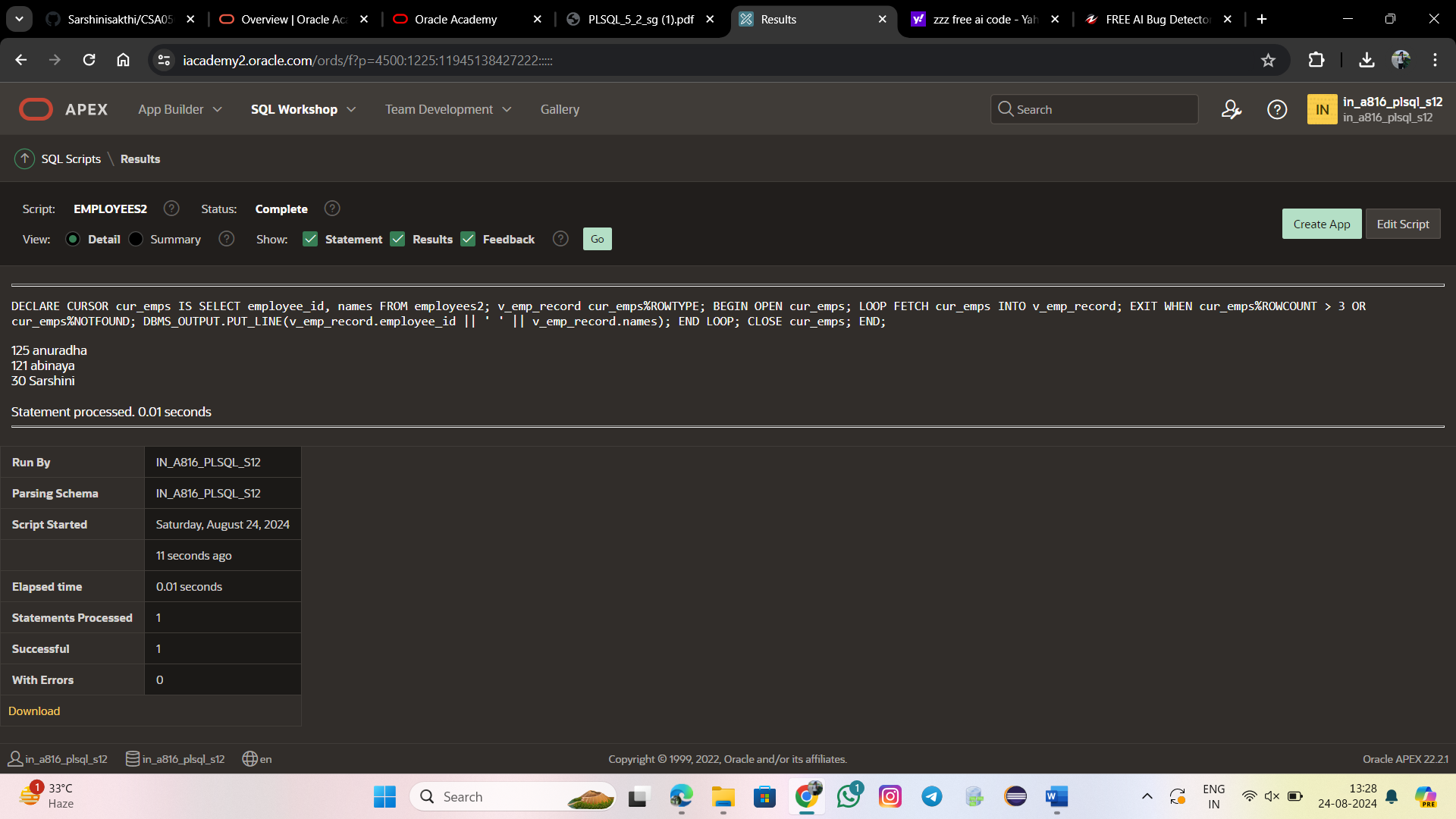
EXIT WHEN cur\_emps%ROWCOUNT > 3 OR cur\_emps%NOTFOUND;

DBMS\_OUTPUT.PUT\_LINE(v\_emp\_record.employee\_id || ' ' || v\_emp\_record.names);

END LOOP;

CLOSE cur\_emps;

END;



DECLARE

CURSOR cur\_emps IS

SELECT employee\_id, salary

FROM EMPLOYEES2

ORDER BY salary DESC;

v\_emp\_record cur\_emps%ROWTYPE;

v\_rowcount NUMBER; -- variable to store the cursor row count

BEGIN

OPEN cur\_emps;

LOOP

FETCH cur\_emps INTO v\_emp\_record;

EXIT WHEN cur\_emps%NOTFOUND;

v\_rowcount := cur\_emps%ROWCOUNT; -- store the current row number in v\_rowcount

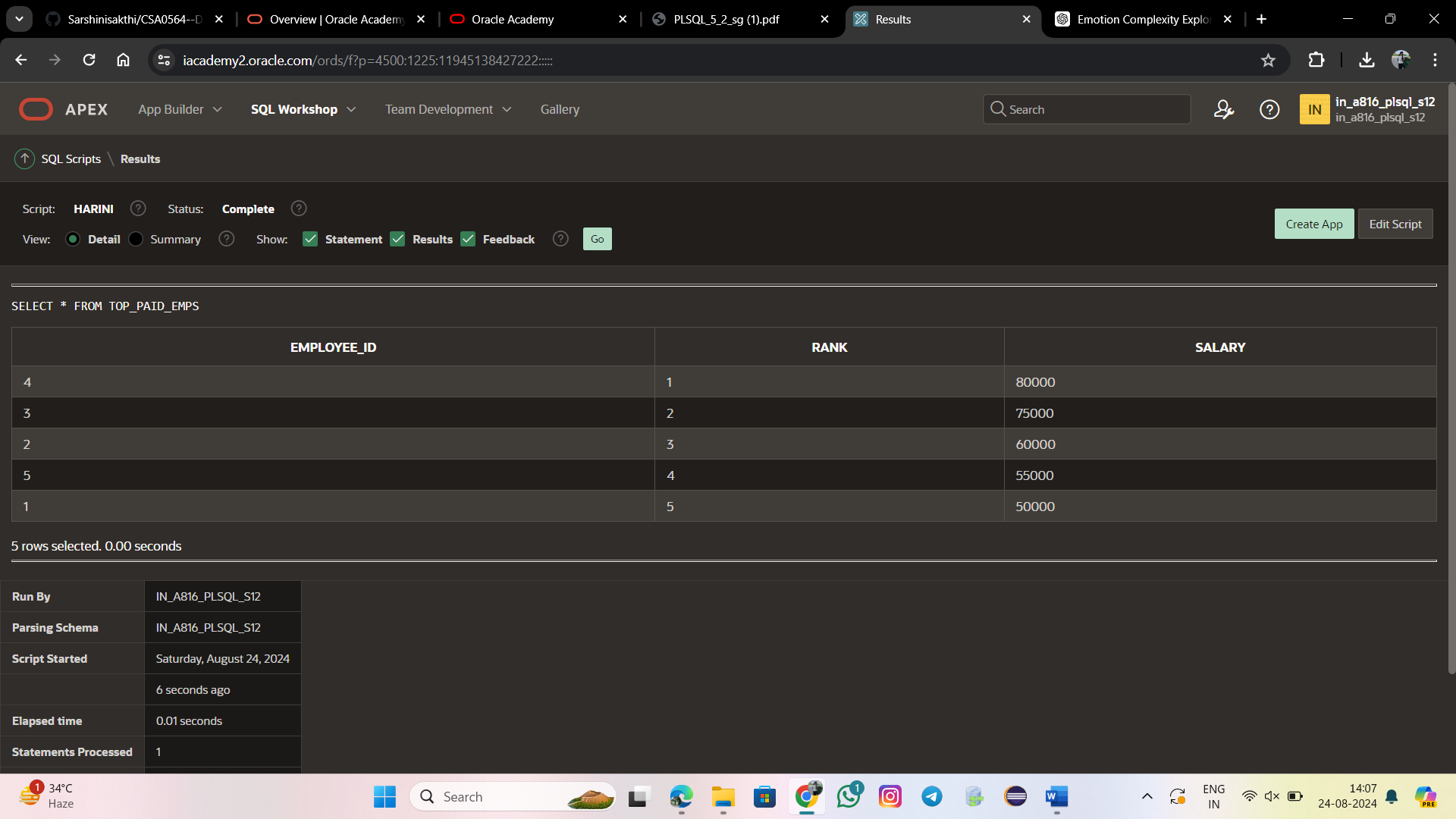
INSERT INTO TOP\_PAID\_EMPS (employee\_id, rank, salary)

VALUES (v\_emp\_record.employee\_id, v\_rowcount, v\_emp\_record.salary);

END LOOP;

CLOSE cur\_emps;

END;



DECLARE

CURSOR cur\_emps IS

SELECT employees\_id, Last\_name FROM EMPLOYEES

WHERE Department\_Id = 60;

BEGIN

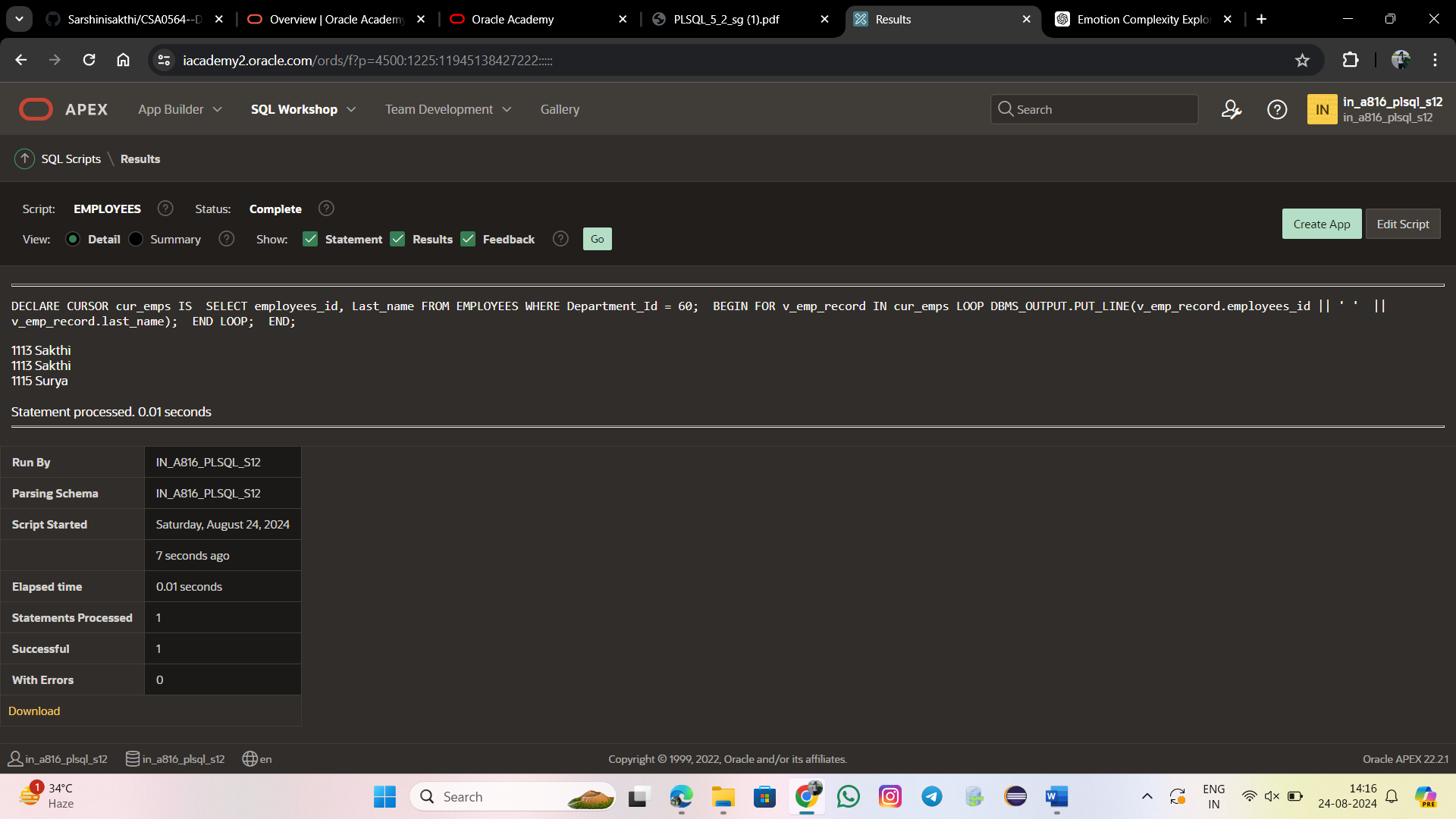
FOR v\_emp\_record IN cur\_emps LOOP

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

|| v\_emp\_record.last\_name);

END LOOP;

END;



DECLARE

CURSOR cur\_emps IS

SELECT \* FROM employee

WHERE department\_id = 71;

v\_emp\_record cur\_emps%ROWTYPE;

BEGIN

OPEN cur\_emps;

LOOP

FETCH cur\_emps INTO v\_emp\_record;

EXIT WHEN cur\_emps%NOTFOUND;

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

|| v\_emp\_record.lastname);

END LOOP;

CLOSE cur\_emps;

END;

