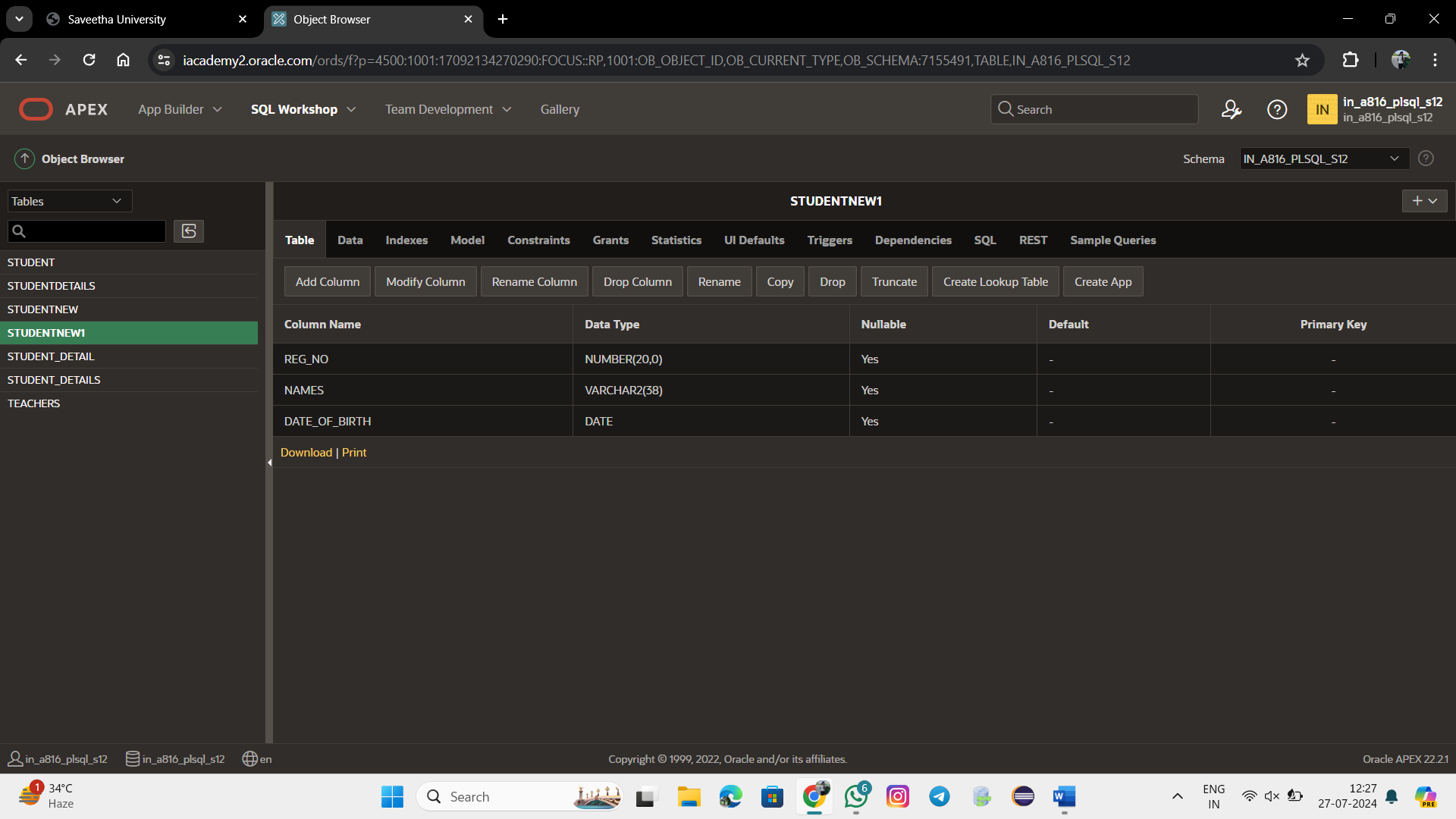
COMMANDS OF SQL:

CREATE TABLE STUDENTNEW1(

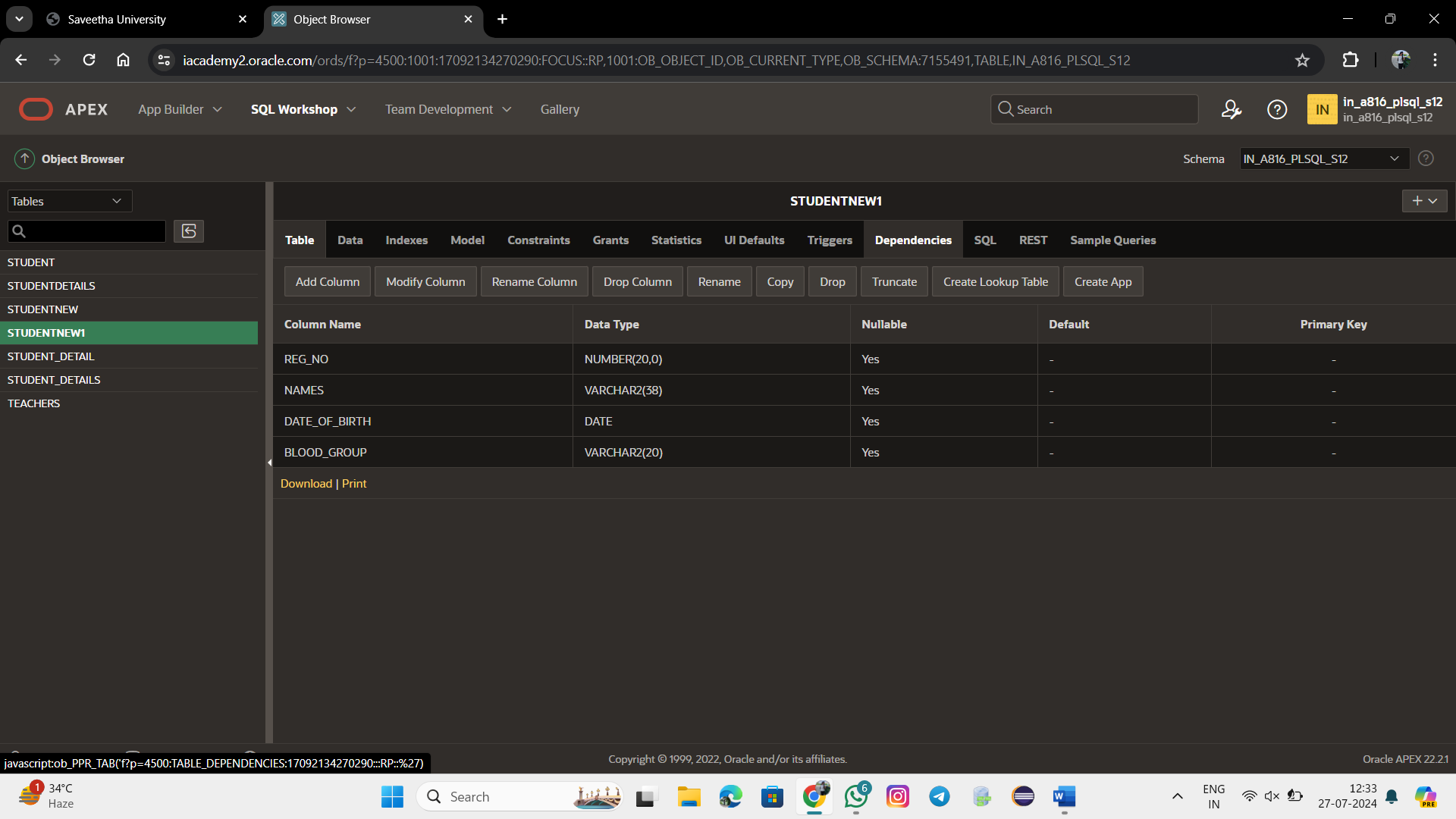
Reg\_No NUMBER(20), Names VARCHAR(38),Date\_Of\_Birth DATE

);

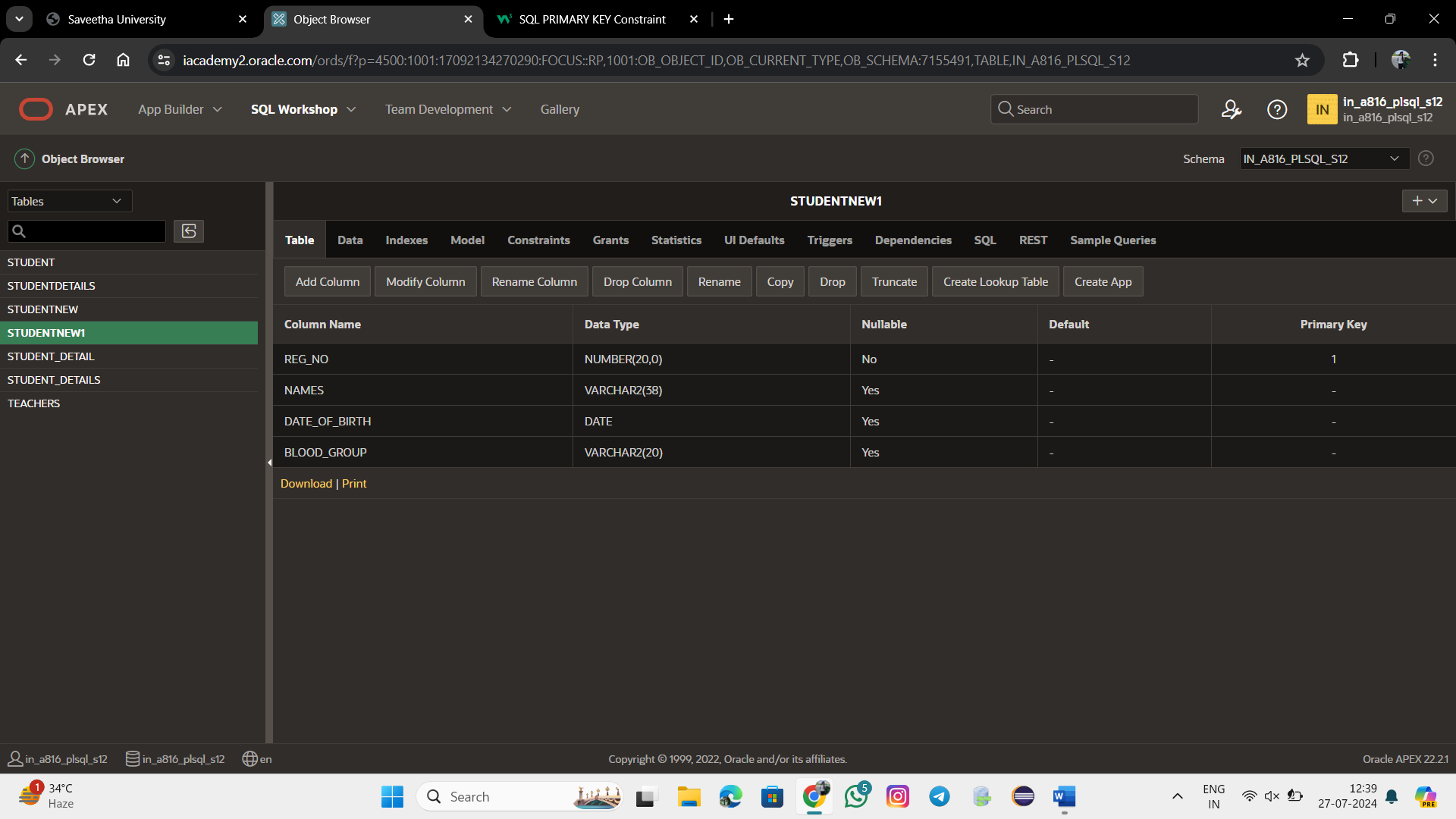


ALTER TABLE STUDENTNEW1

ADD Blood\_Group VARCHAR(20);



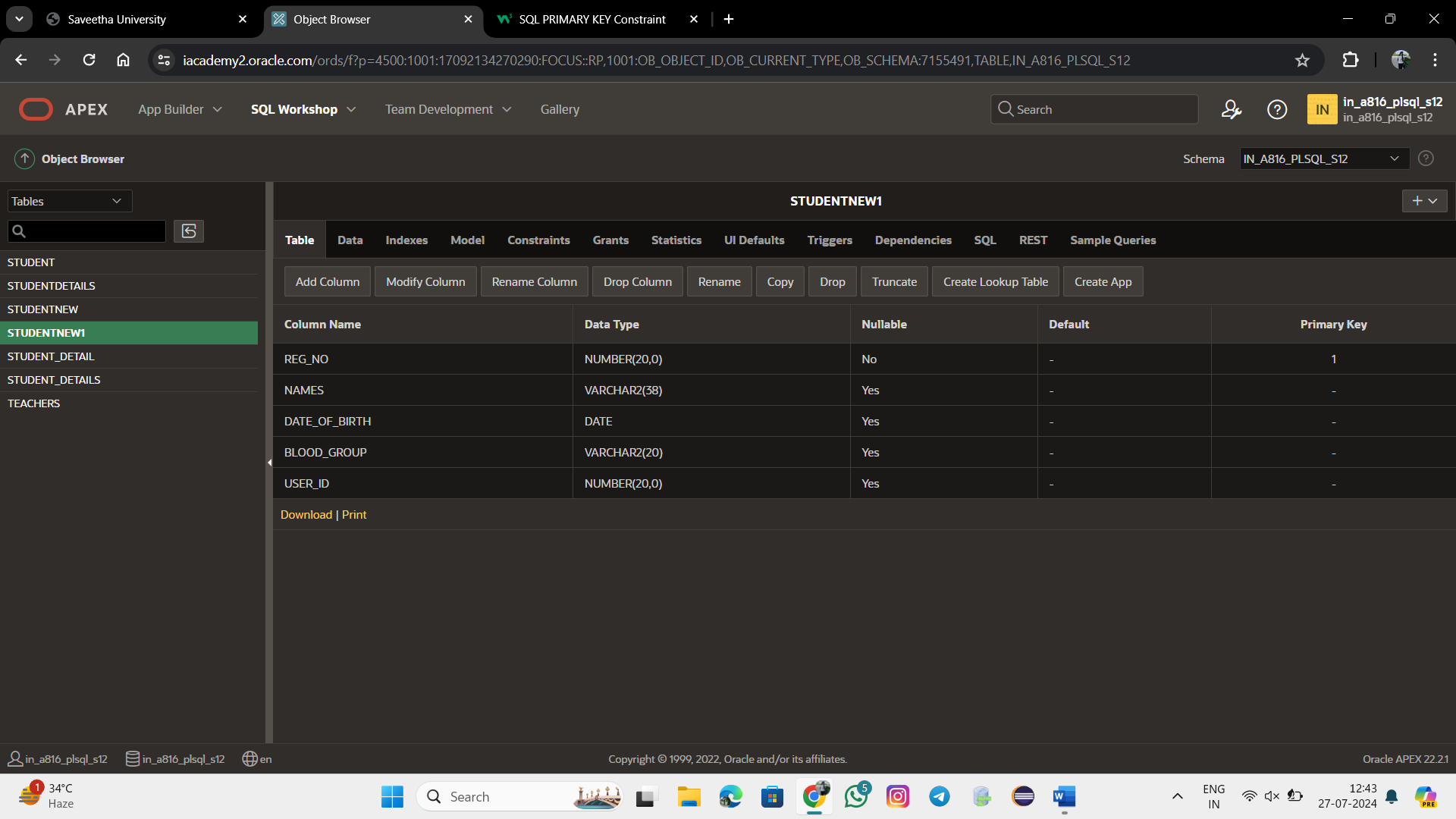
ALTER TABLE STUDENTNEW1 ADD PRIMARY KEY (Reg\_No);



ADDING NEW COLUMN AND DELETEING THE COLUMN:

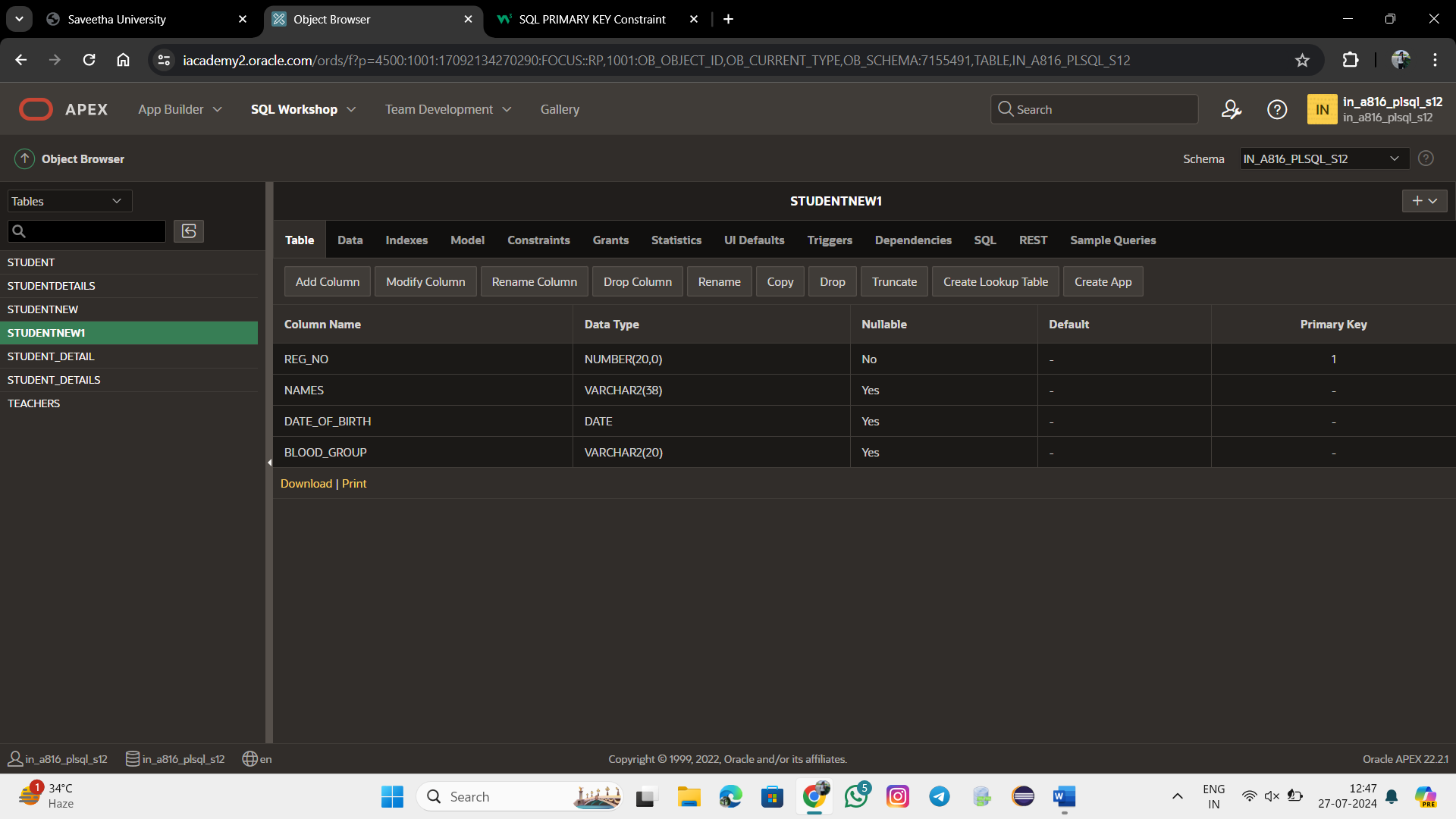
ALTER TABLE STUDENTNEW1

ADD User\_ID NUMBER(20);



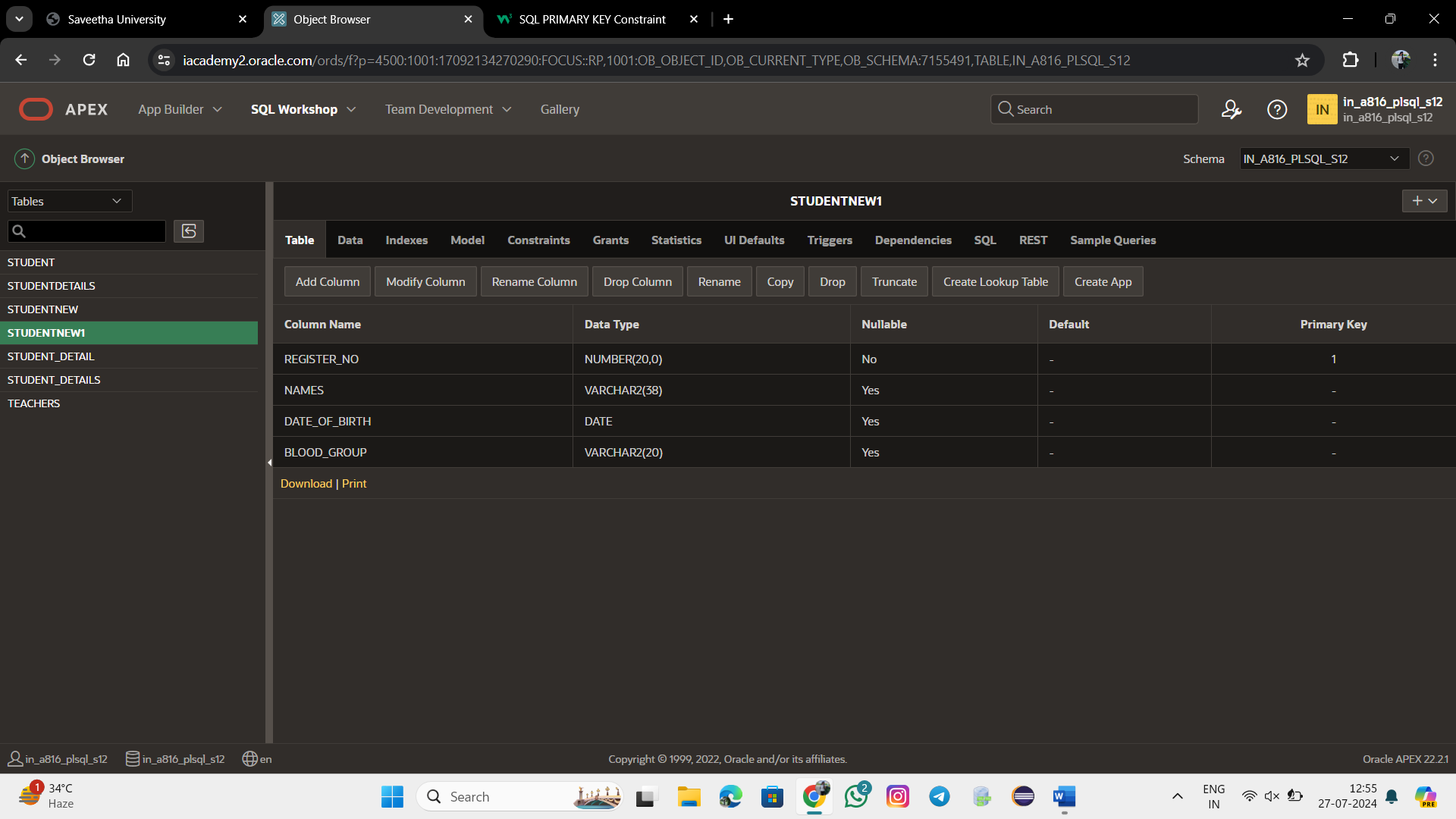
ALTER TABLE STUDENTNEW1

DROP(User\_ID);



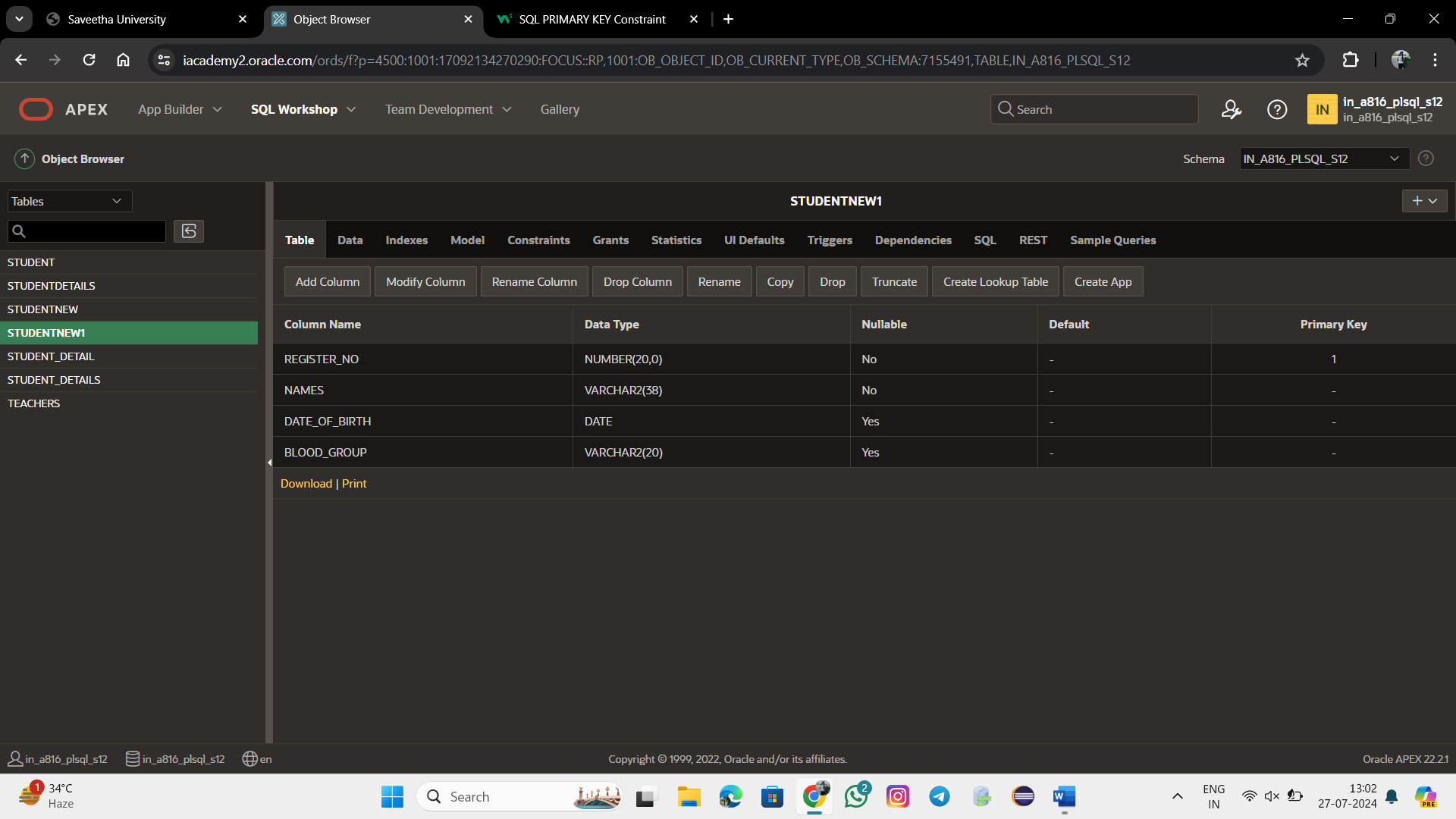
ALTER TABLE STUDENTNEW1

RENAME COLUMN Reg\_NO TO Register\_No;



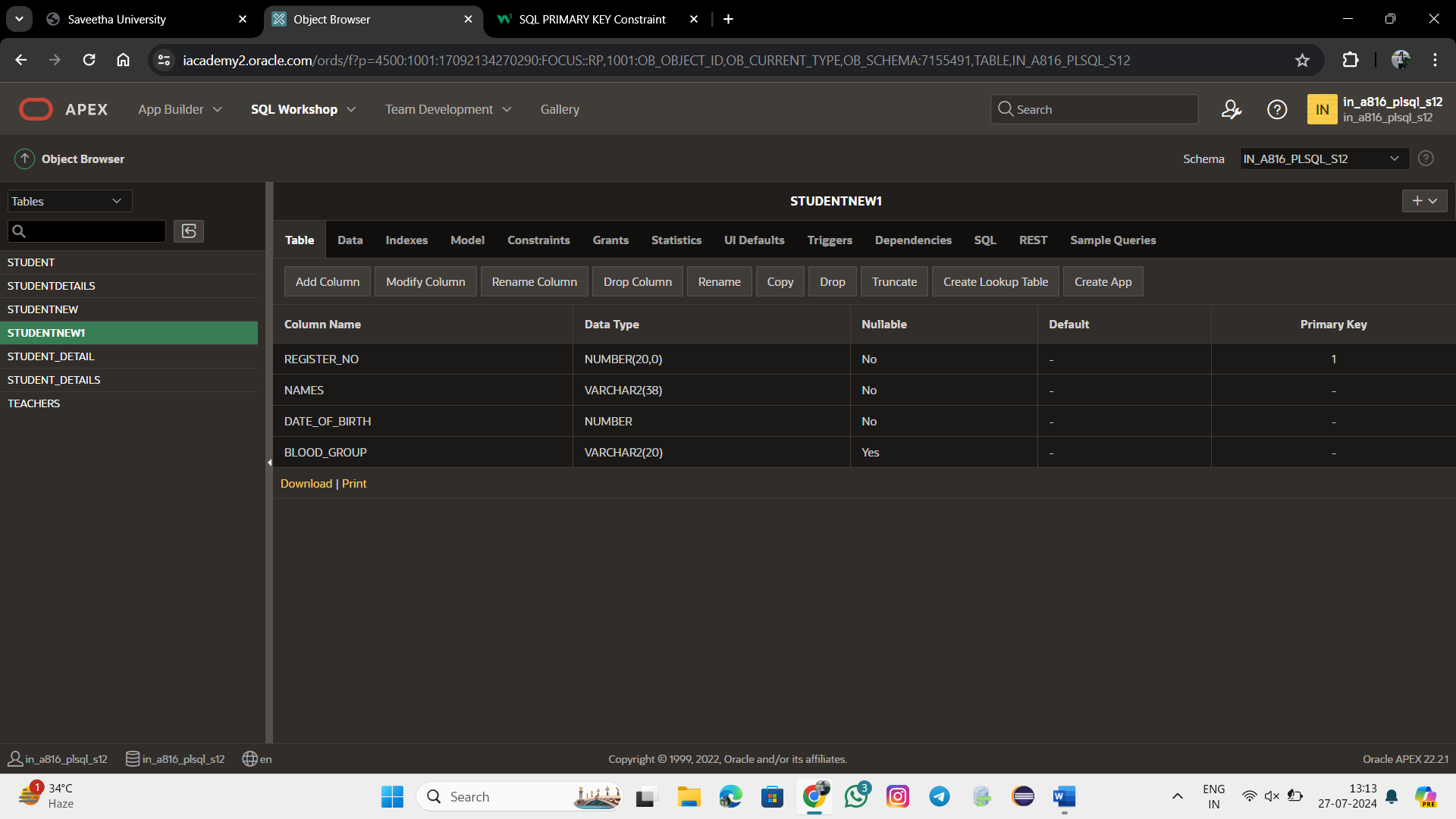
ALTER TABLE STUDENTNEW1

MODIFY Names VARCHAR(38) NOT NULL;



ALTER TABLE STUDENTNEW1

MODIFY Date\_Of\_Birth NUMERIC NOT NULL ;

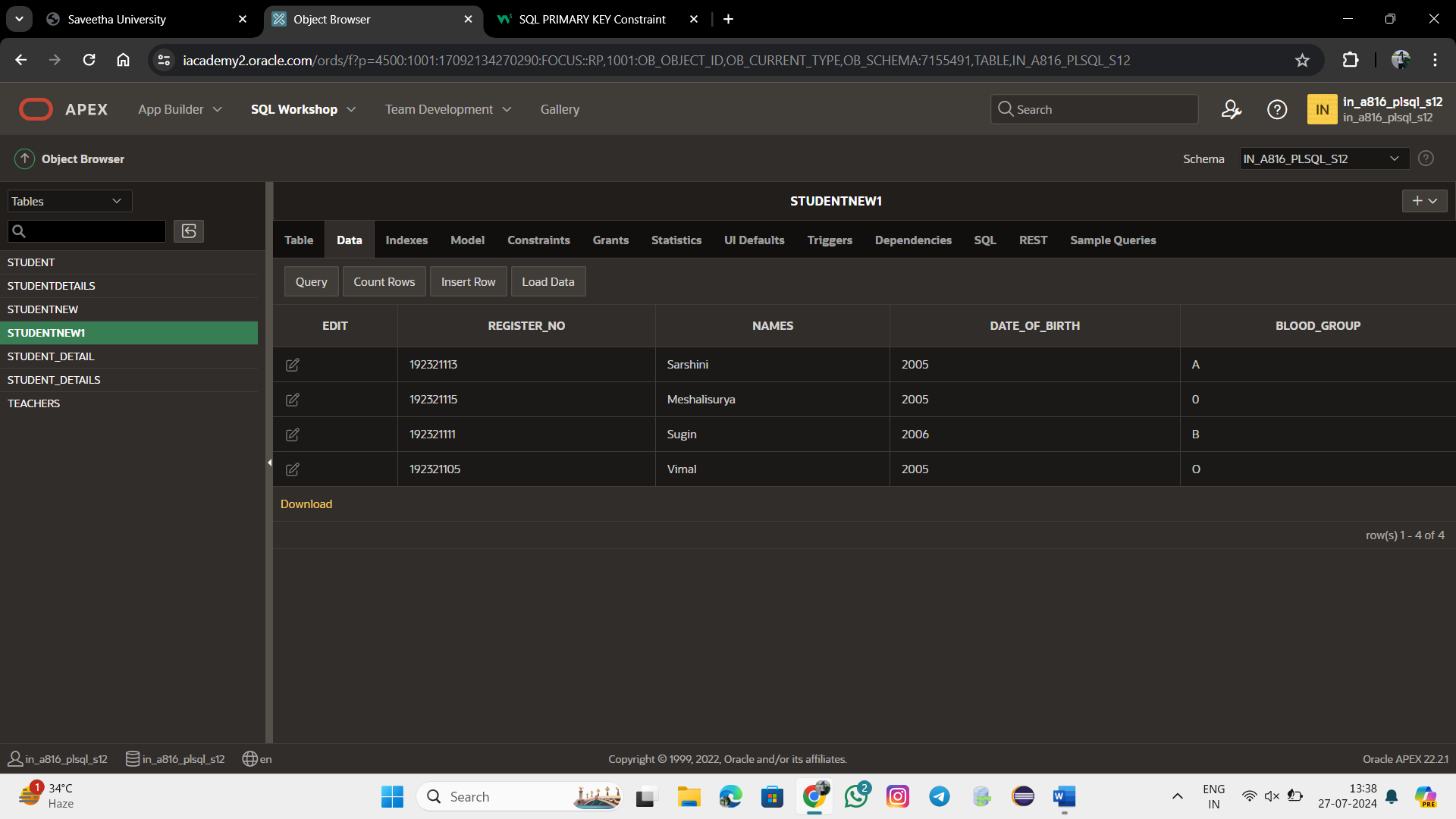


INSERT INTO STUDENTNEW1 VALUES(192321113,'Sarshini',2005,'A');

INSERT INTO STUDENTNEW1 VALUES(192321115,'Meshalisurya',2005,'0');

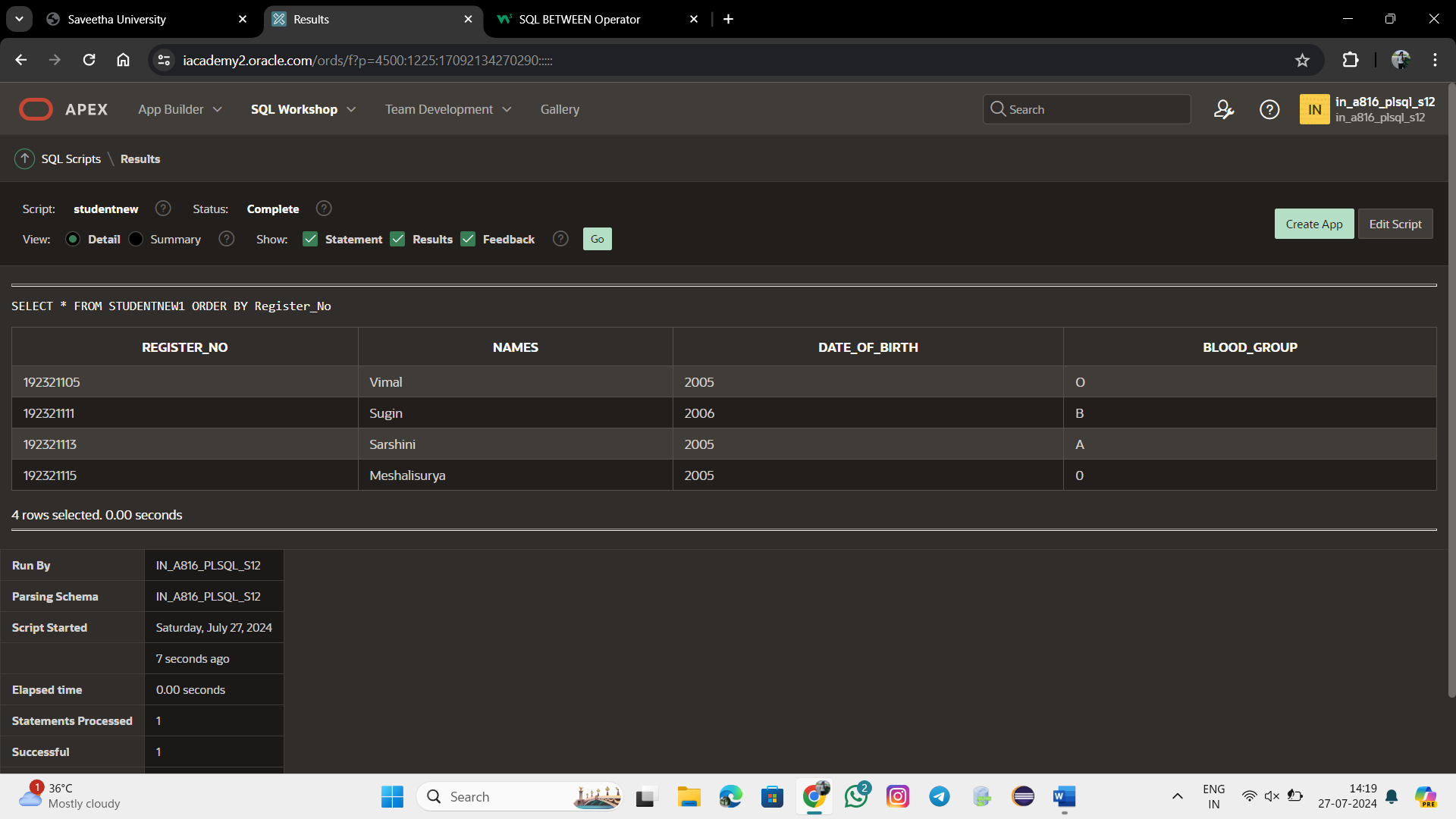
INSERT INTO STUDENTNEW1 VALUES(192321111,'Sugin',2006,'B');

INSERT INTO STUDENTNEW1 VALUES(192321105,'Vimal',2005,'O');



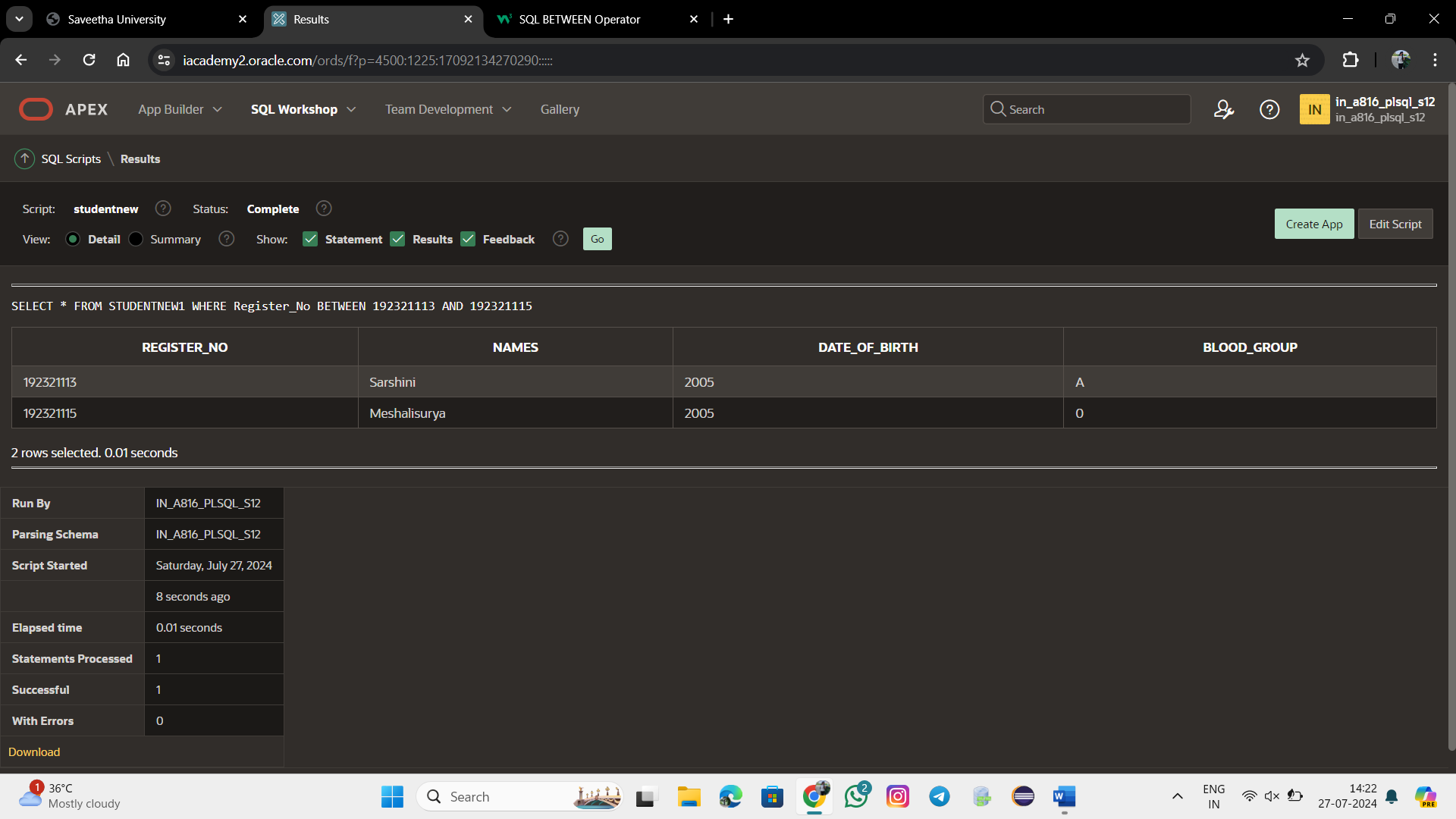
SELECT \* FROM STUDENTNEW1

ORDER BY Register\_No;



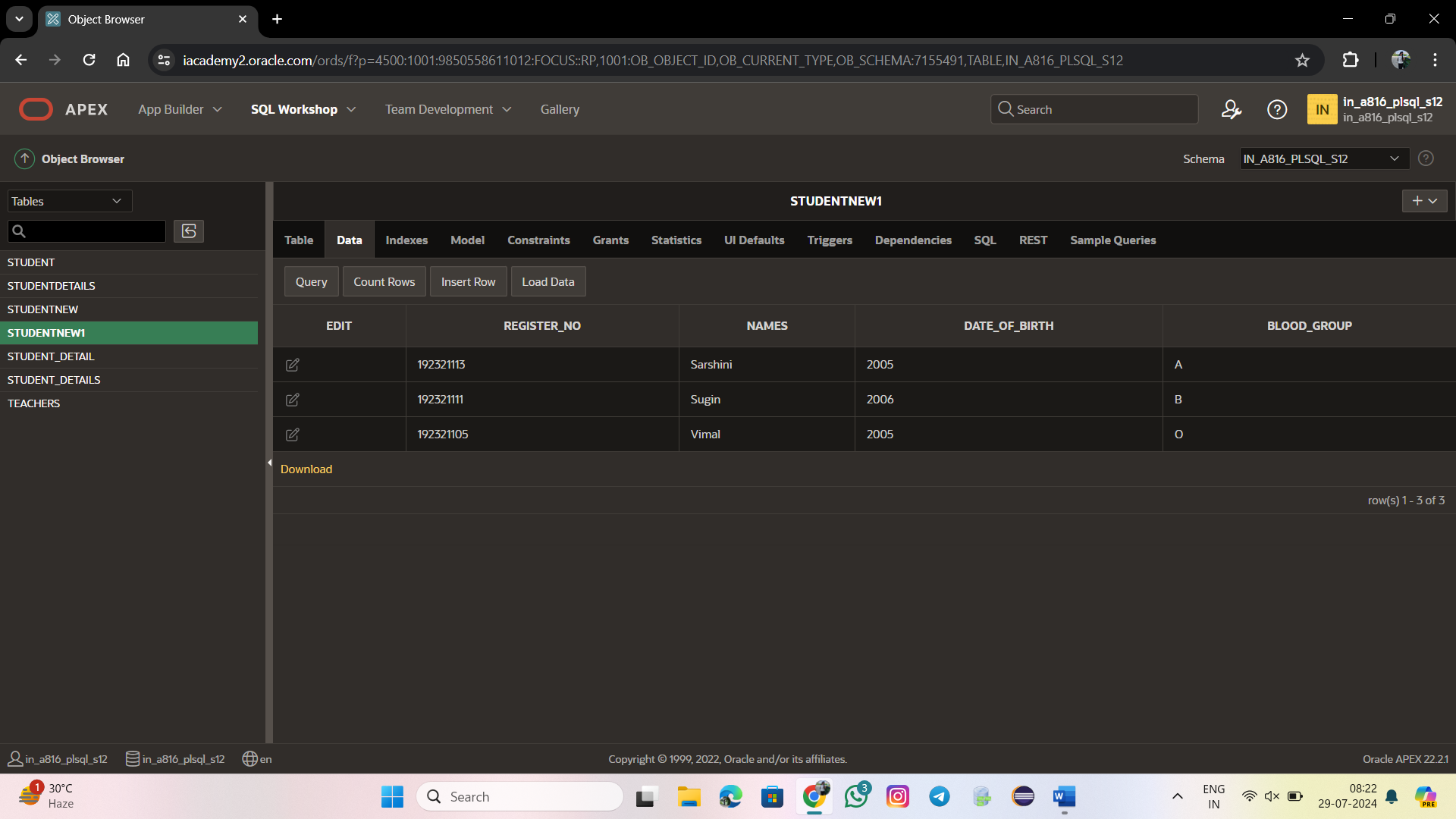
SELECT \* FROM STUDENTNEW1

WHERE Register\_No BETWEEN 192321113 AND 192321115;

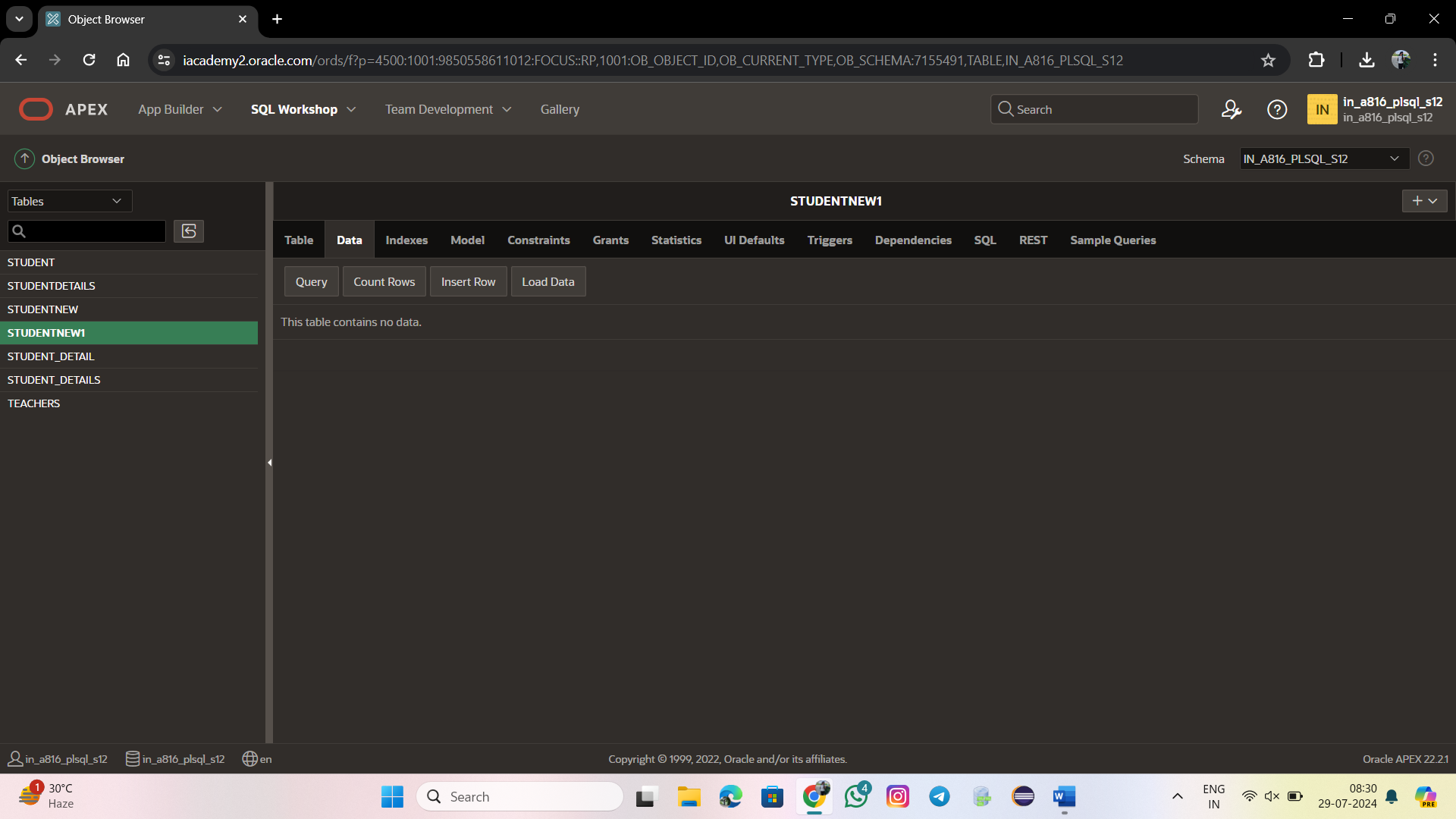


DELETE FROM STUDENTNEW1

WHERE Blood\_Group ='0';



DELETE FROM STUDENTNEW1;



AND :

SELECT Register\_No, Date\_Of\_Birth

FROM STUDENTNEW1

WHERE Register\_No >192321111 AND Date\_Of\_Birth >2005;

NOT IN:

SELECT Register\_No, Blood\_Group

FROM STUDENTNEW1

WHERE Register\_No NOT IN (192321113,192321115);

USING ||:

SELECT First\_Name || Last\_Name FROM STUDENTNEW1;

AS NAMES:

SELECT First\_Name || Last\_Name AS Names FROM STUDENTNEW1;

LIKE:

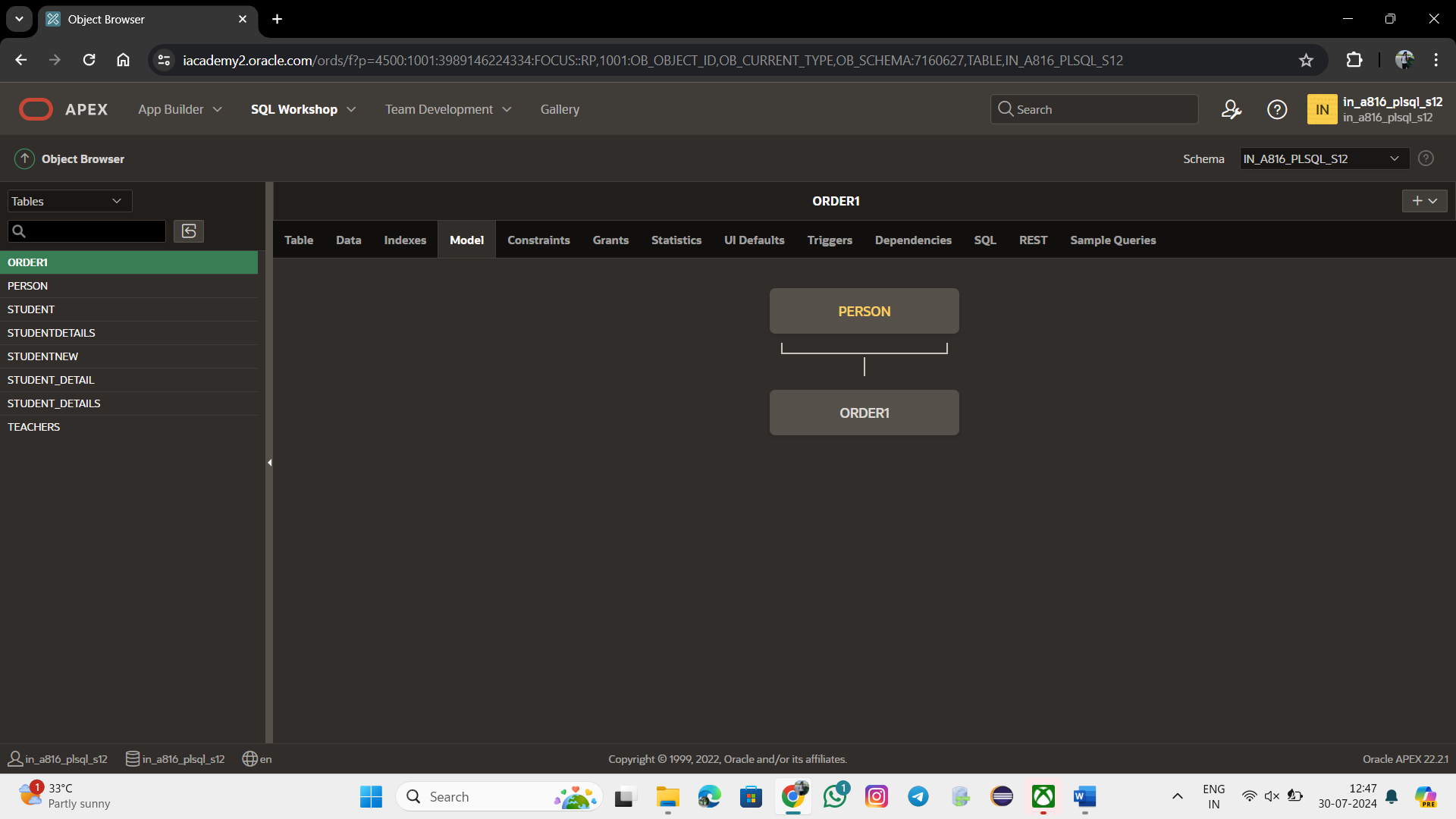
SELECT First\_Name

FROM STUDENTNEW1

WHERE First\_Name LIKE '% 0%';

Alter table Order1

ADD FOREIGN KEY(Person\_Id) REFERENCES PERSON(Person\_Id);



SELECT Last\_name,

CASE Department\_id

WHEN 90 THEN 'Management'

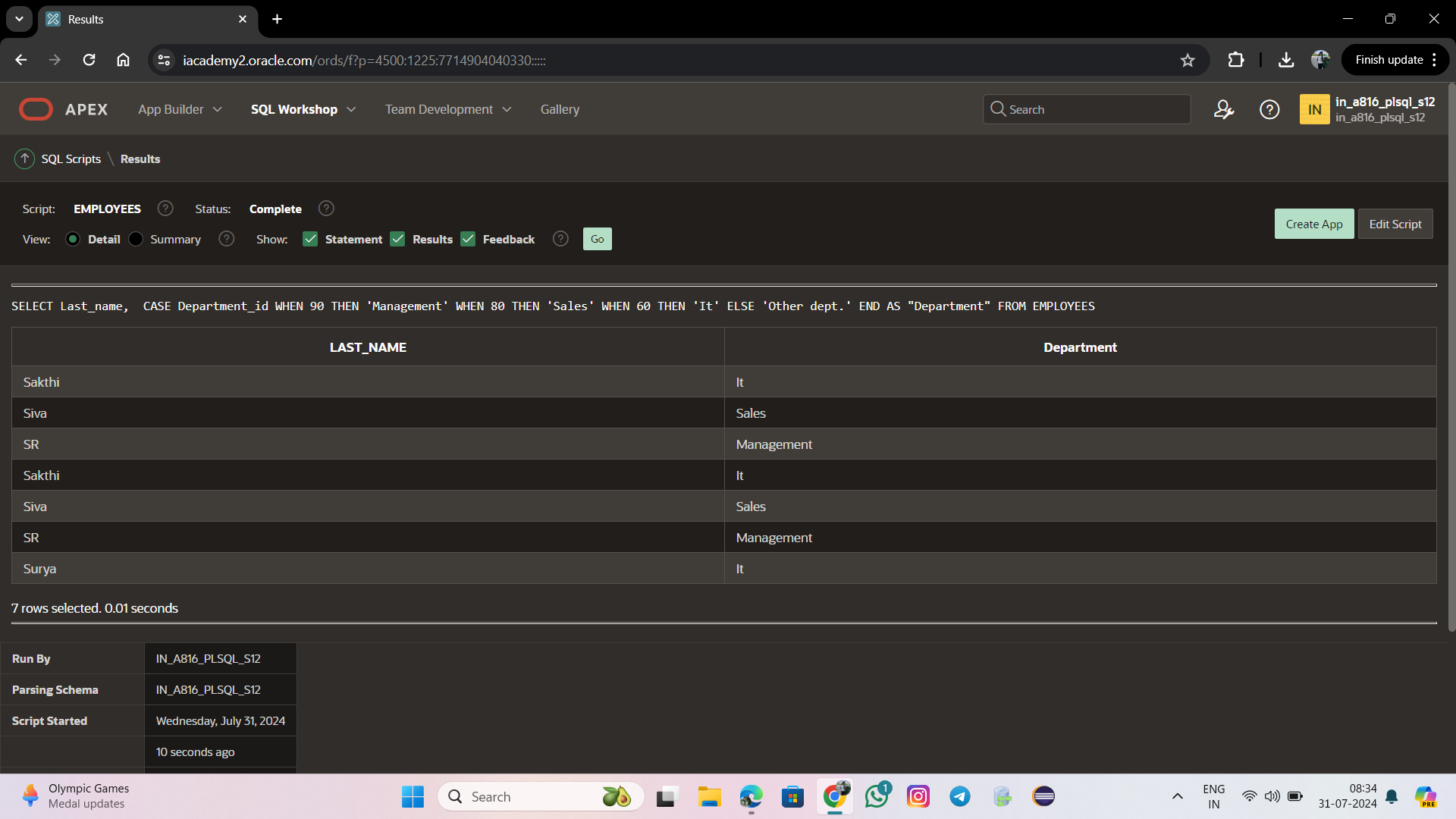
WHEN 80 THEN 'Sales'

WHEN 60 THEN 'It'

ELSE 'Other dept.'

END AS "Department"

FROM EMPLOYEES;



SELECT Last\_name,

DECODE(Department\_id,

90, 'Management',

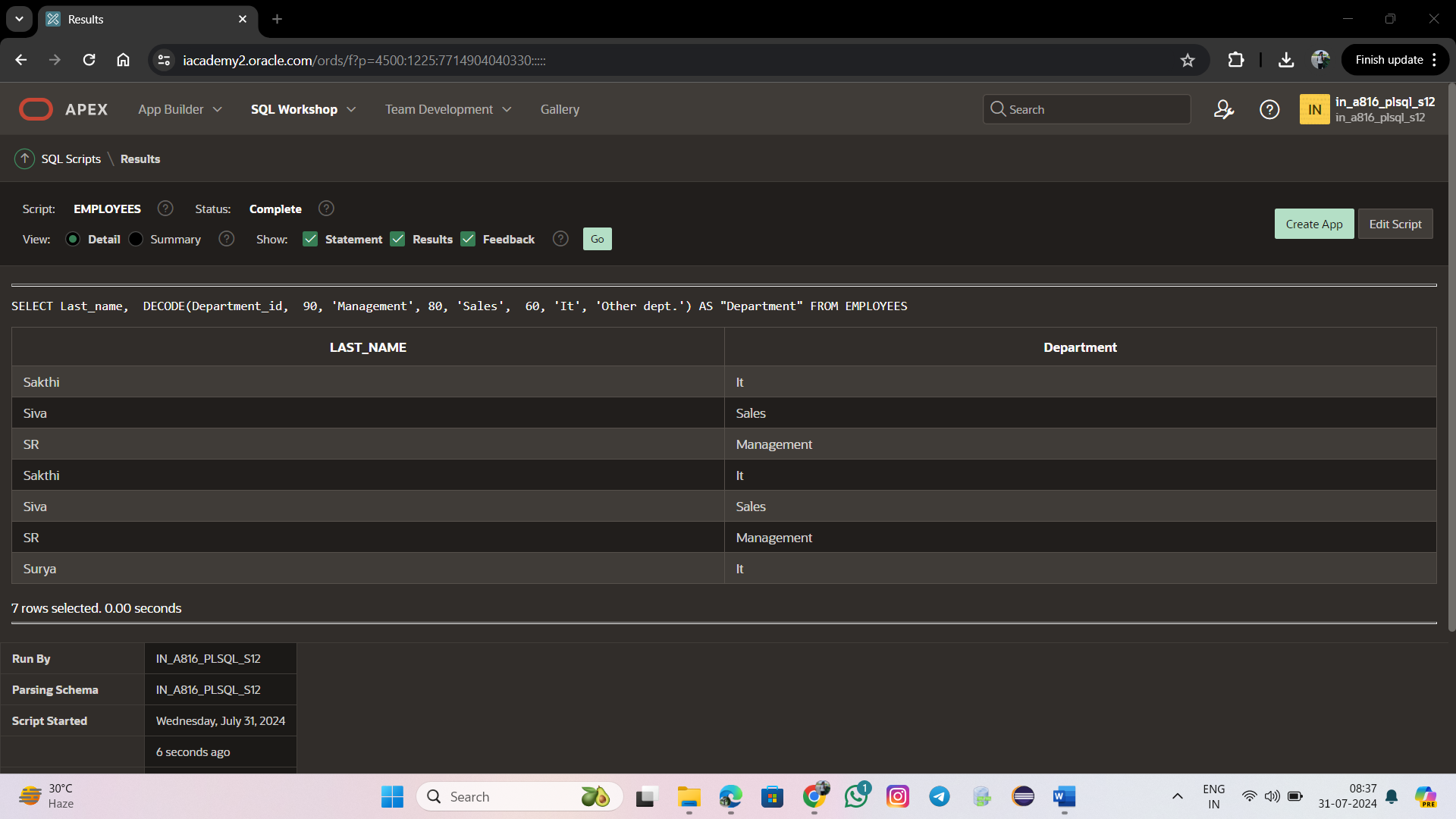
80, 'Sales',

60, 'It',

'Other dept.')

AS "Department"

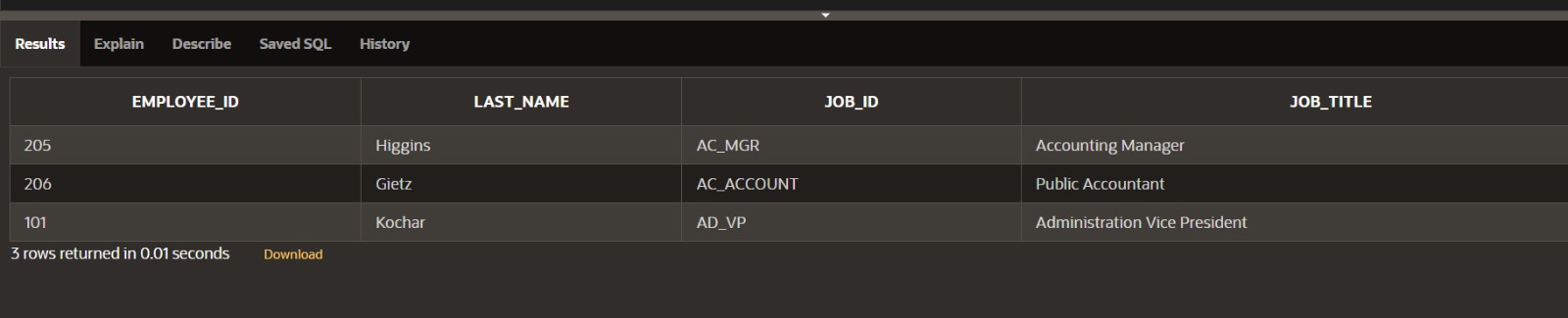
FROM EMPLOYEES;



SELECT First\_name, Last\_name, Employee\_id

FROM EMPLOYEES NATURAL JOIN jobs

WHERE Department\_id > 80;

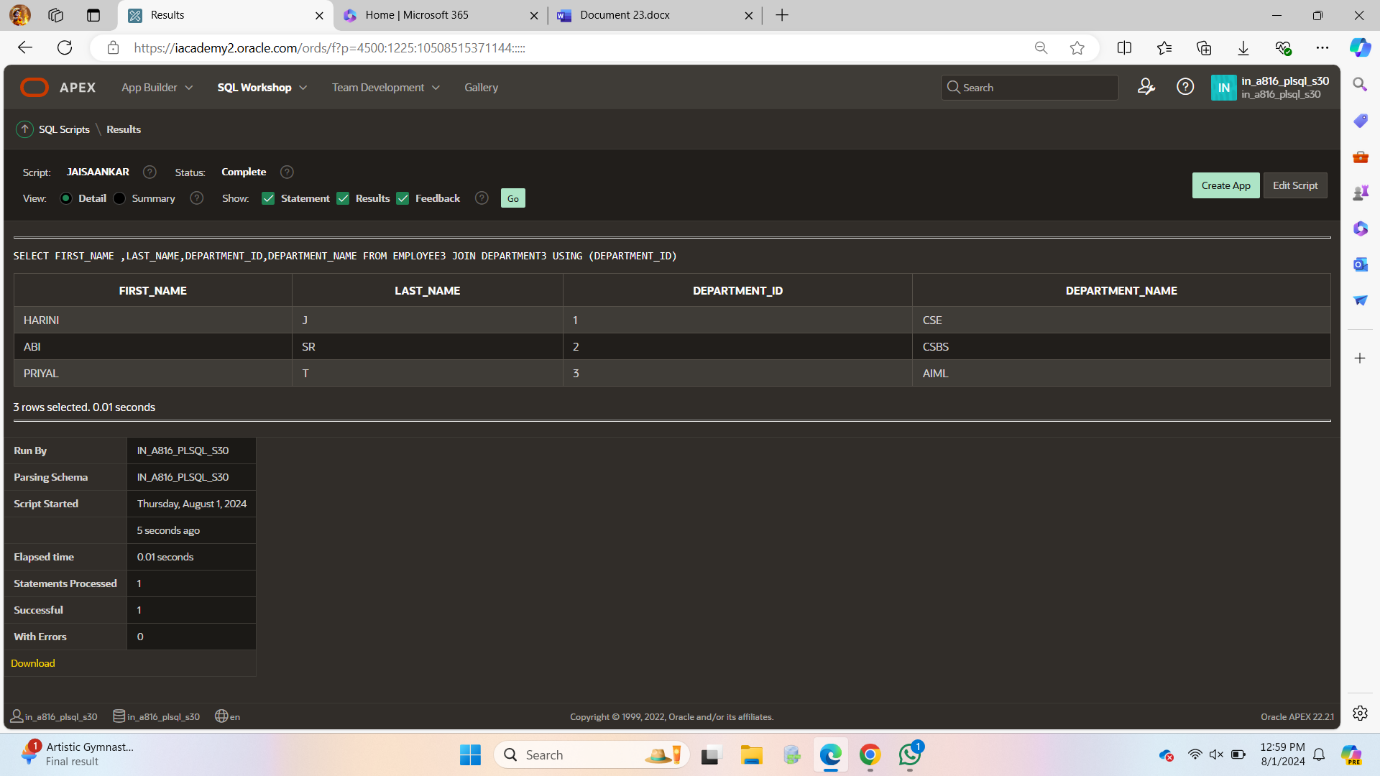


SELECT ORDERS.OrderID, PERSON.PersonID, PERSON.PersonName, PERSON.PersonAGE

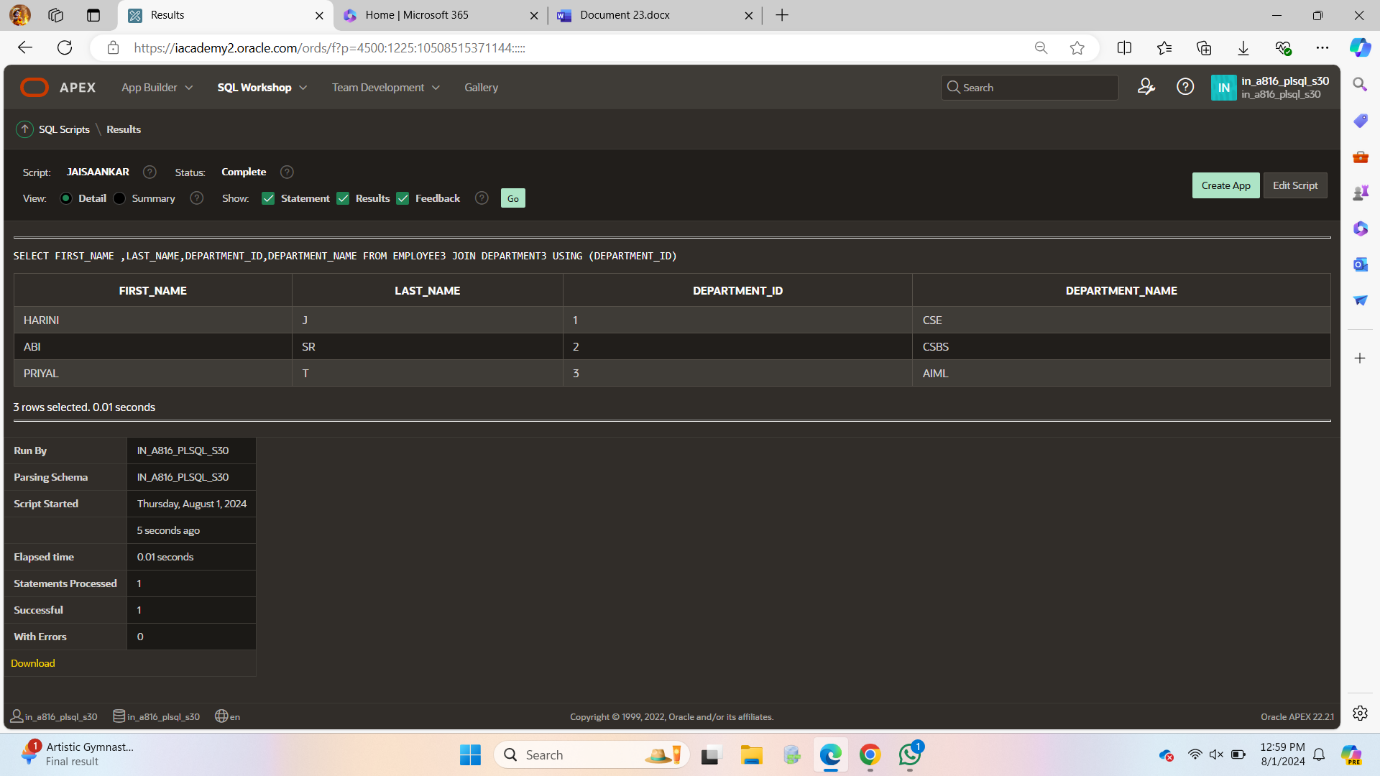
FROM ORDERS JOIN PERSON ON ORDERS.PersonID = PERSON.PersonID;

SELECT FIRST\_NAME ,LAST\_NAME,DEPARTMENT\_ID,DEPARTMENT\_NAME FROM EMPLOYEE3 JOIN DEPARTMENT3 USING (DEPARTMENT\_ID)

WHERE LAST\_NAME ='SR';



SELECT FIRST\_NAME ,LAST\_NAME,DEPARTMENT\_ID,DEPARTMENT\_NAME FROM EMPLOYEE3 JOIN DEPARTMENT3 USING (DEPARTMENT\_ID);

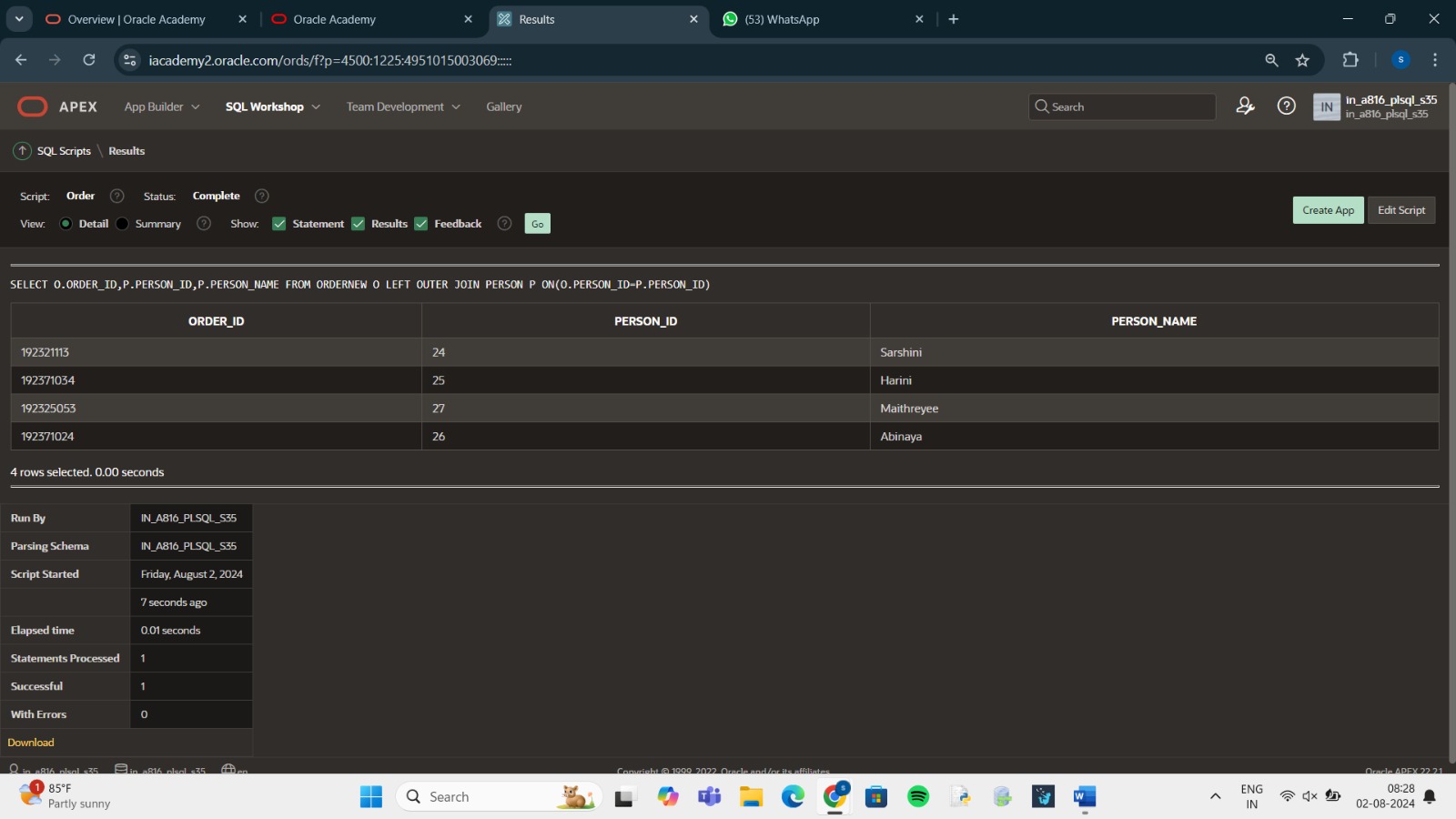


SELECT O.ORDER\_ID,P.PERSON\_ID,P.PERSON\_NAME

FROM ORDER1 O LEFT OUTER JOIN

PERSON P

ON(O.PERSON\_ID=P.PERSON\_ID);

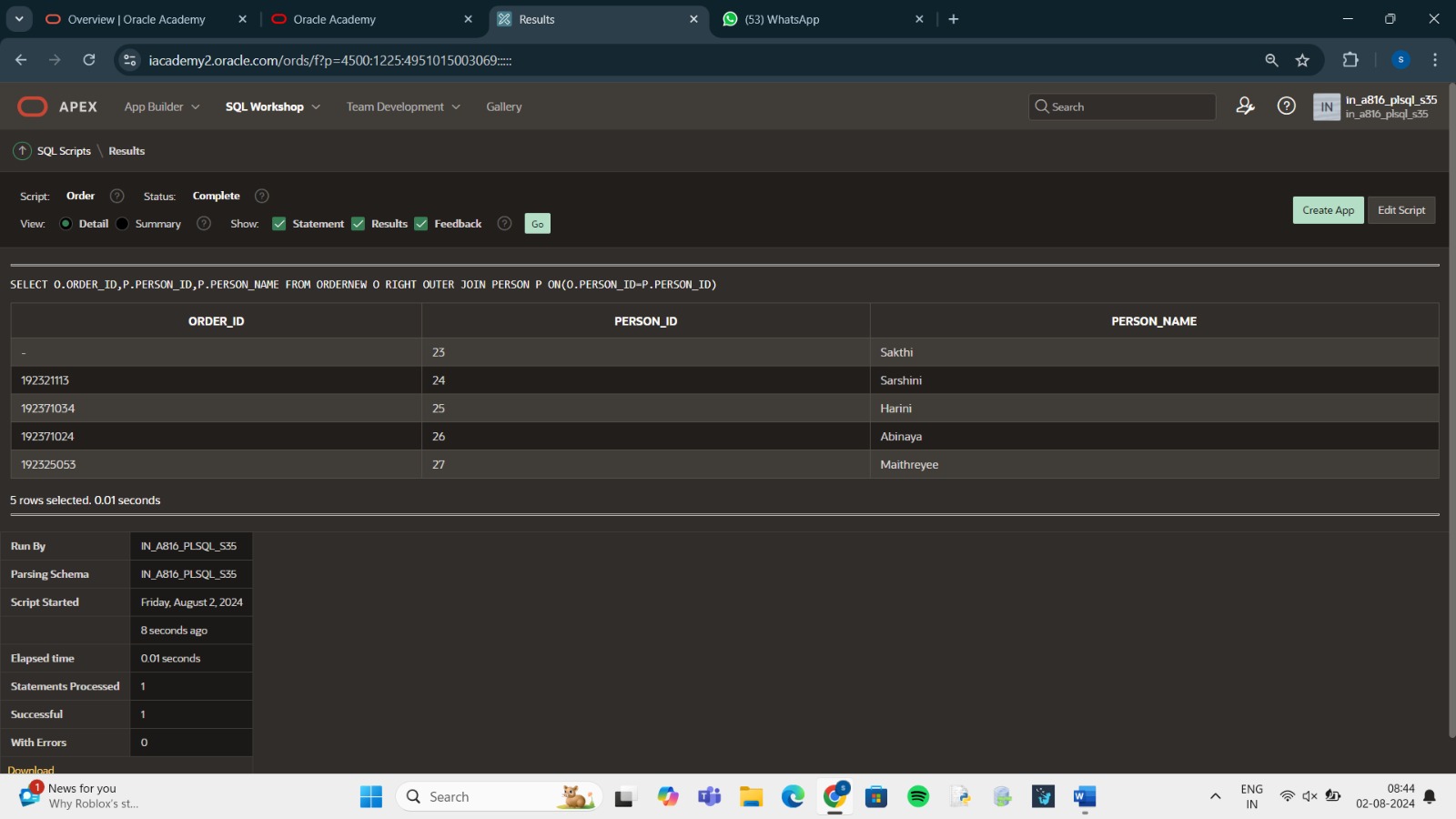


SELECT O.ORDER\_ID,P.PERSON\_ID,P.PERSON\_NAME

FROM ORDER1 O RIGHT OUTER JOIN

PERSON P

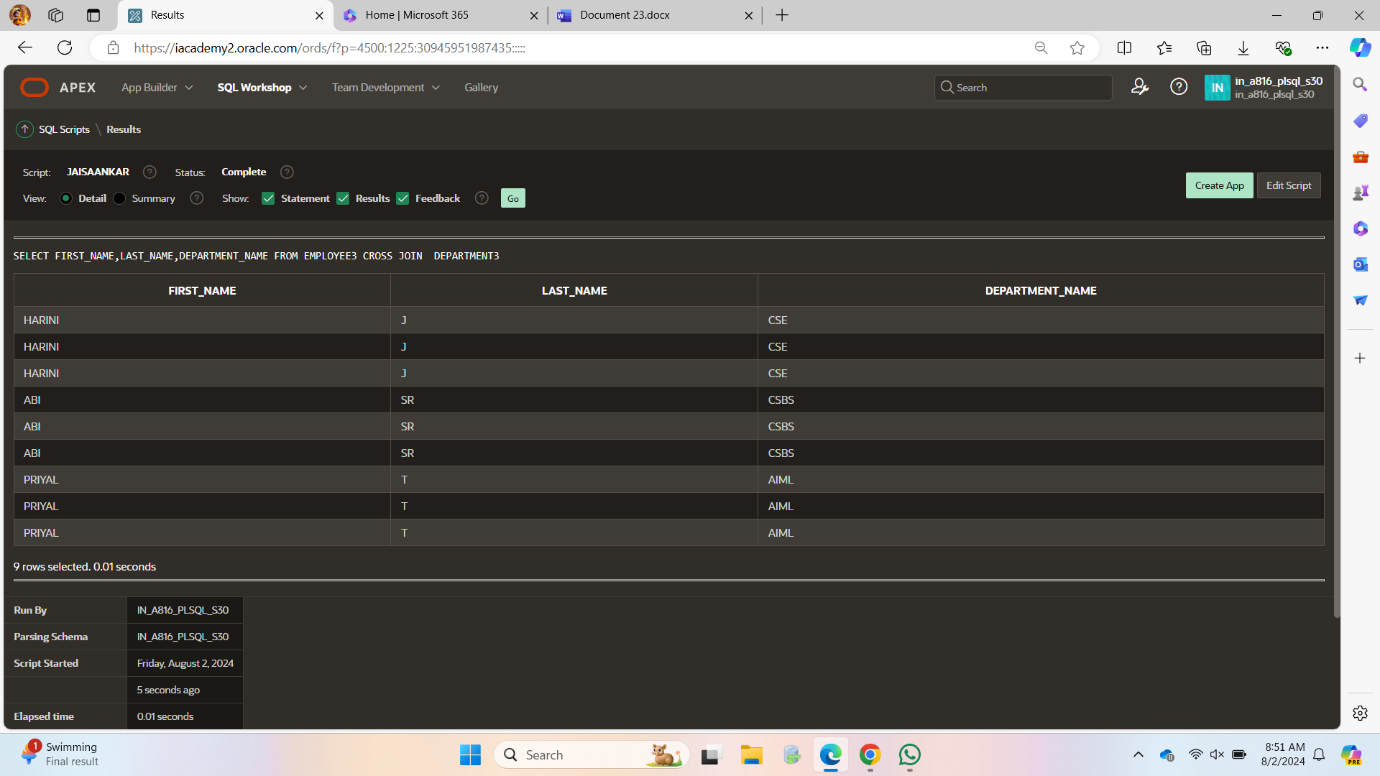
ON(O.PERSON\_ID=P.PERSON\_ID);



SELECT FIRST\_NAME,LAST\_NAME,DEPARTMENT\_NAME

FROM EMPLOYEE3 CROSS JOIN

DEPARTMENT3;



SELECT e.FIRST\_NAME||'workfor'||d.FACULTY\_NAME

AS " Worksfor "

FROM EMPLOYEE3 e JOIN

DEPARTMENT3 d ON (e.DEPARTMENT\_ID=d.DEPARTMENT\_ID);

