**A screenshot of a computer

Description automatically generated**

**Solution 1**

CREATE TABLE SALESMAN (SNO INT, S\_NAME varchar (30), START\_YEAR INT, DEPTNO varchar (10));

CREATE TABLE TRIP (TNO INTEGER, FROM\_CITY varchar (20), TO\_CITY varchar (20), DEPARTURE\_DATE DATE, RETURN DATE, SNO INT);

CREATE TABLE DEPT (DEPTNO varchar (10) PRIMARY KEY, DEPT\_NAME varchar(20));

CREATE TABLE EXPENSE (EID INT PRIMARY KEY, AMOUNT INT, TNO INT);Graphical user interface, text, application

Description automatically generated

**Solution 2**

INSERT INTO SALESMAN VALUES (1, 'Rajat', 2021, 'FMCG');

INSERT INTO TRIP VALUES (1, 'DELHI', 'MUMBAI', '2022-05-02', '2022-05-09',1);

INSERT INTO DEPT VALUES (1, 'FMCG');

INSERT INTO EXPENSE VALUES (1, 10000, 1);

INSERT INTO SALESMAN VALUES (2, 'Sumit', 2021, 'IT')

INSERT INTO TRIP VALUES (2, 'DELHI', 'MUMBAI', '2022-05-02', '2022-05-09',2);

INSERT INTO DEPT VALUES (2, 'FMCG');

INSERT INTO EXPENSE VALUES (2, 15000, 2);

Graphical user interface, text, application

Description automatically generated

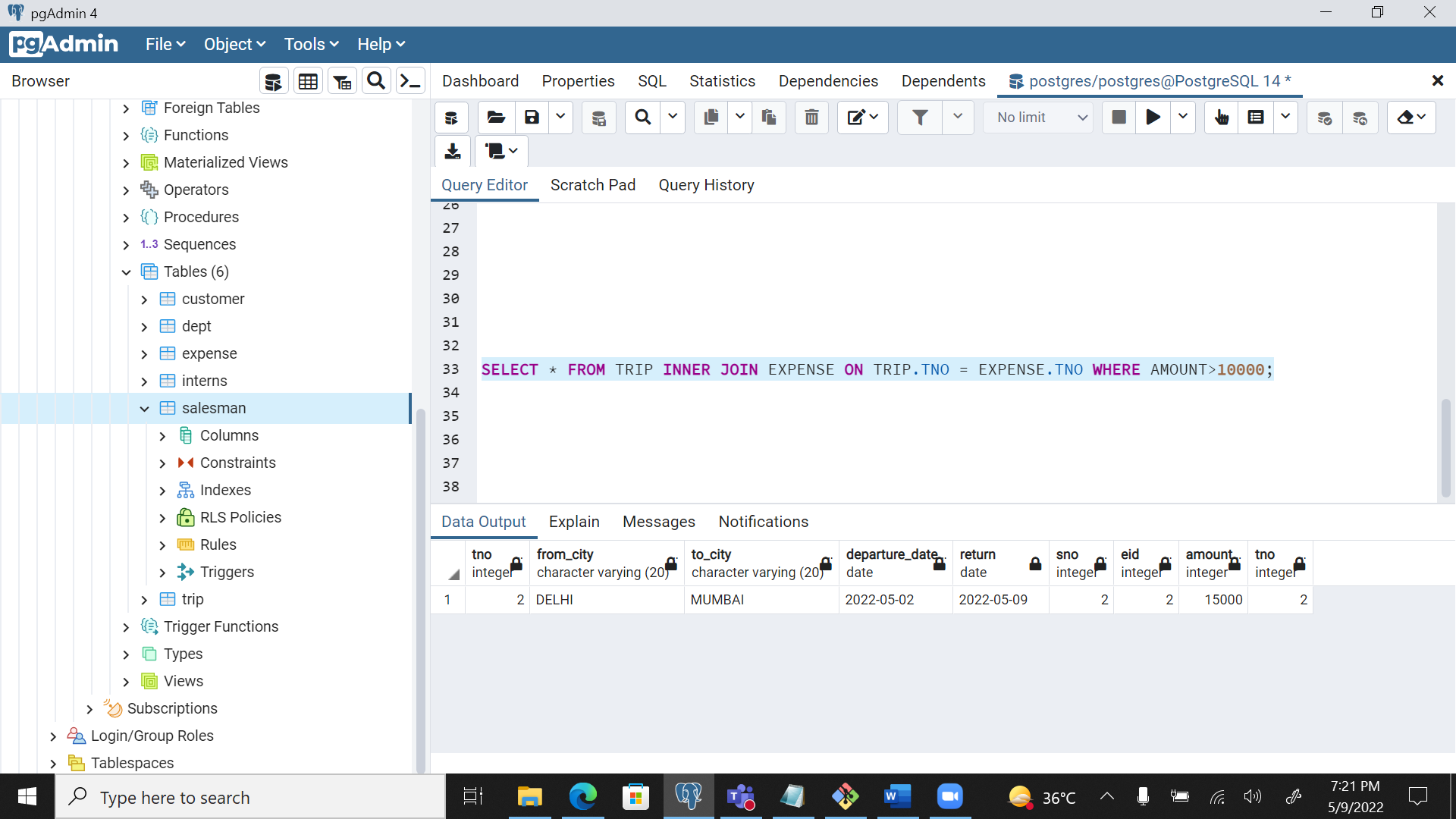
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Text

Description automatically generated

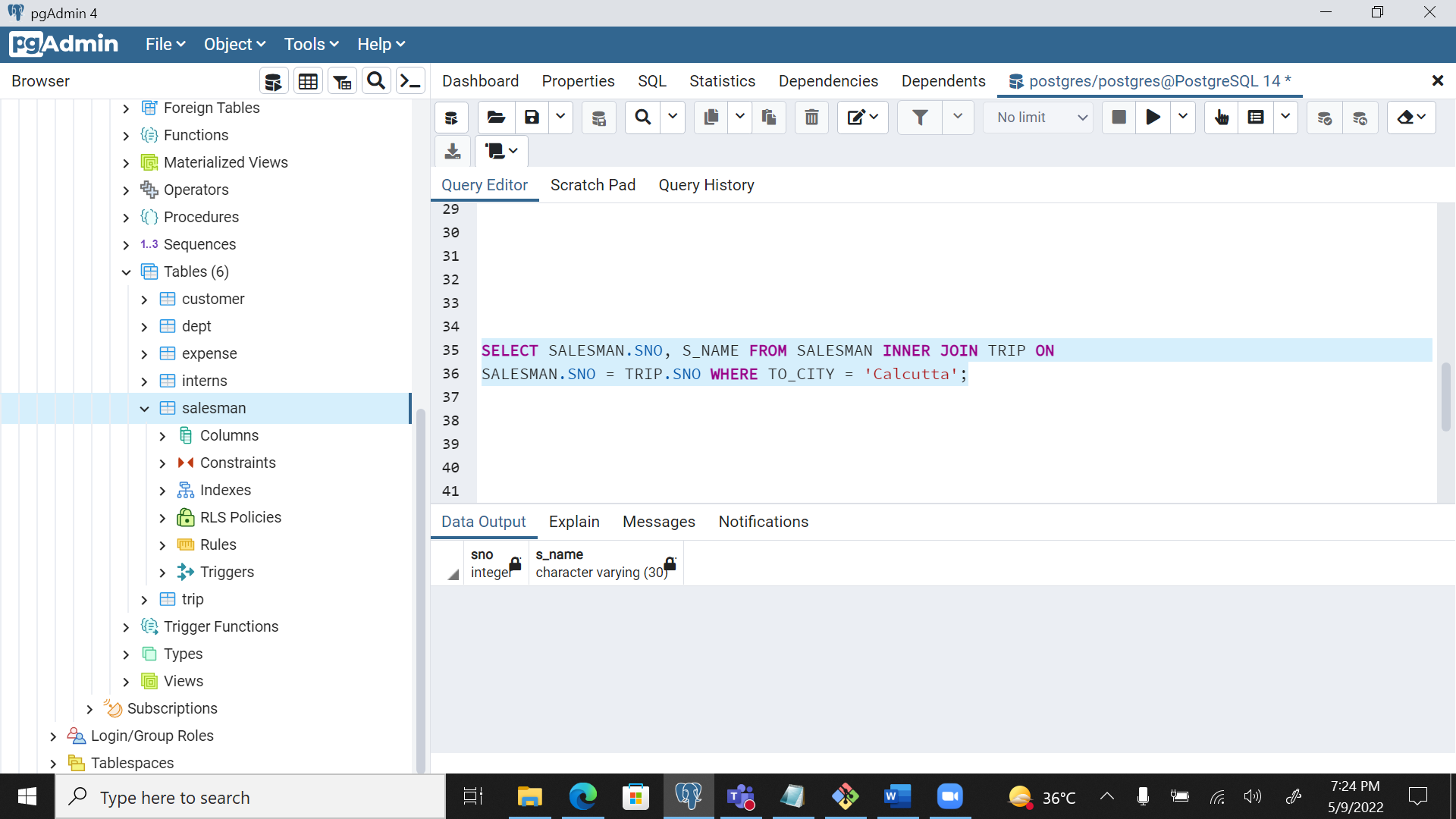
**SOLUTION 3**

SELECT \* FROM TRIP INNER JOIN EXPENSE ON TRIP.TNO = EXPENSE.TNO WHERE AMOUNT>10000;

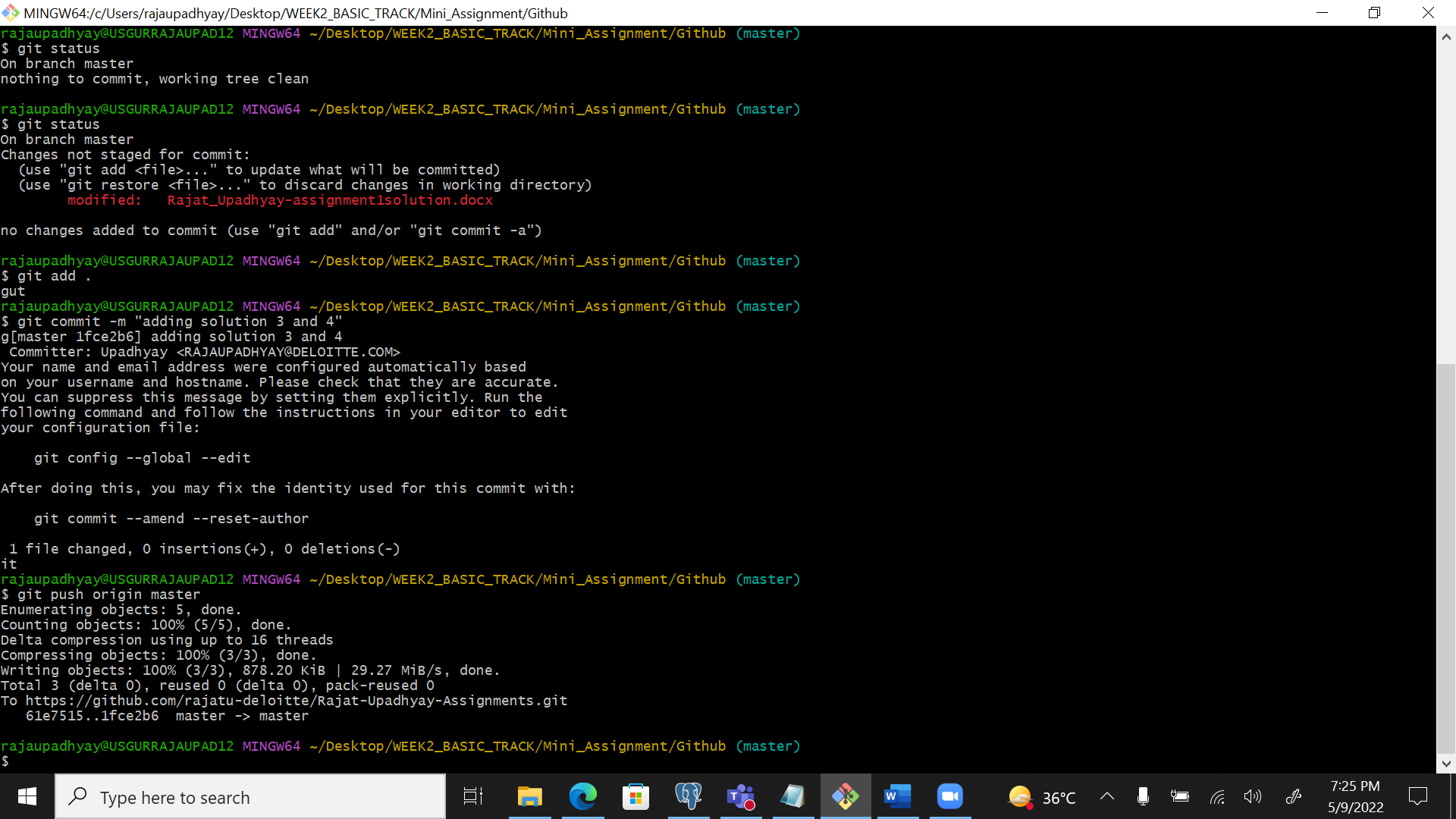


**SOLUTION 4**

SELECT SALESMAN.SNO, S\_NAME FROM SALESMAN INNER JOIN TRIP ON SALESMAN.SNO = TRIP.SNO WHERE TO\_CITY = 'Calcutta';



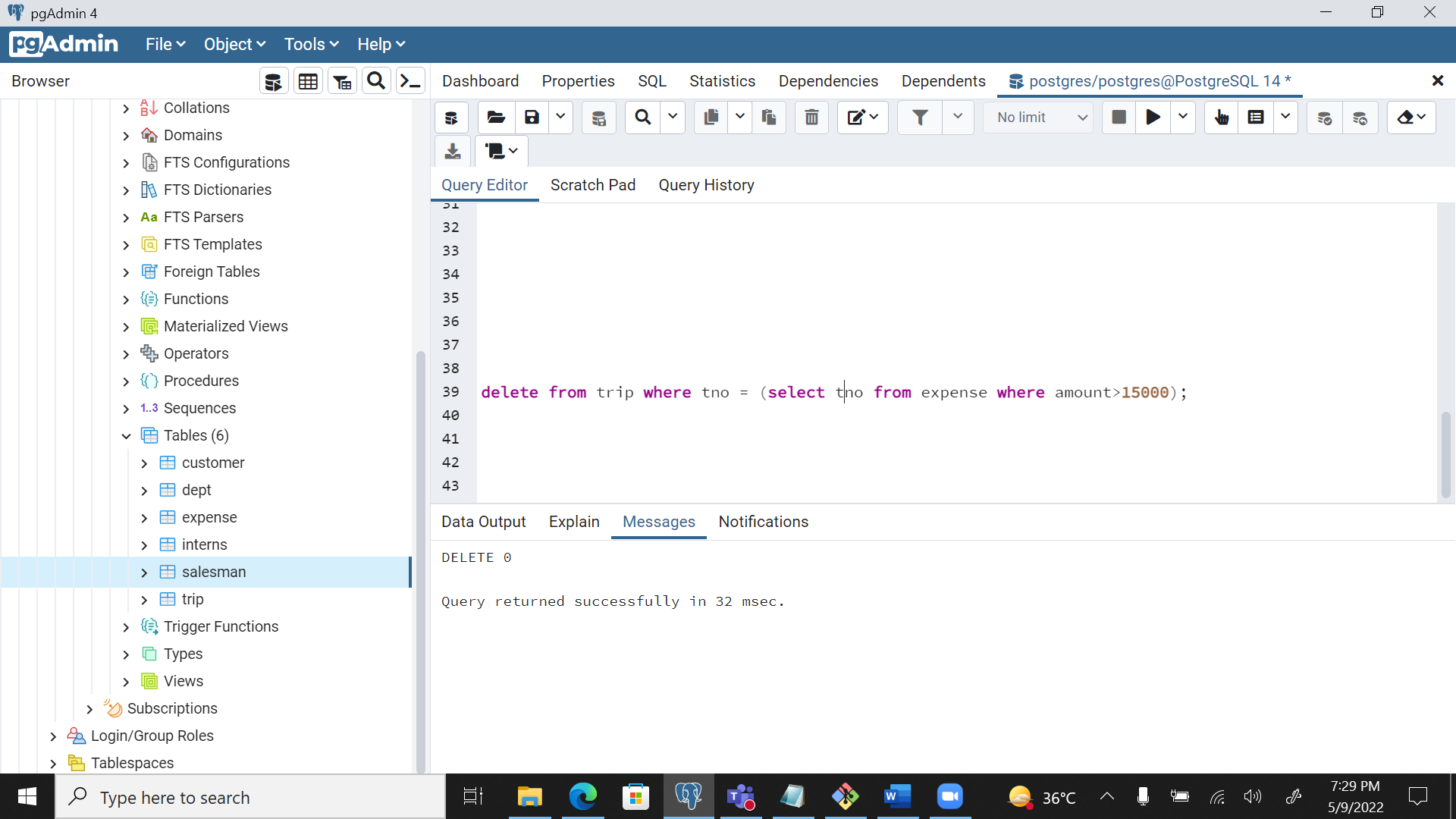
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**SOLUTION 5**

delete from trip where tno = (select tno from expense where amount>15000);



**SOLUTION 6**

ALTER TABLE TRIP ADD COLUMN dno INT;

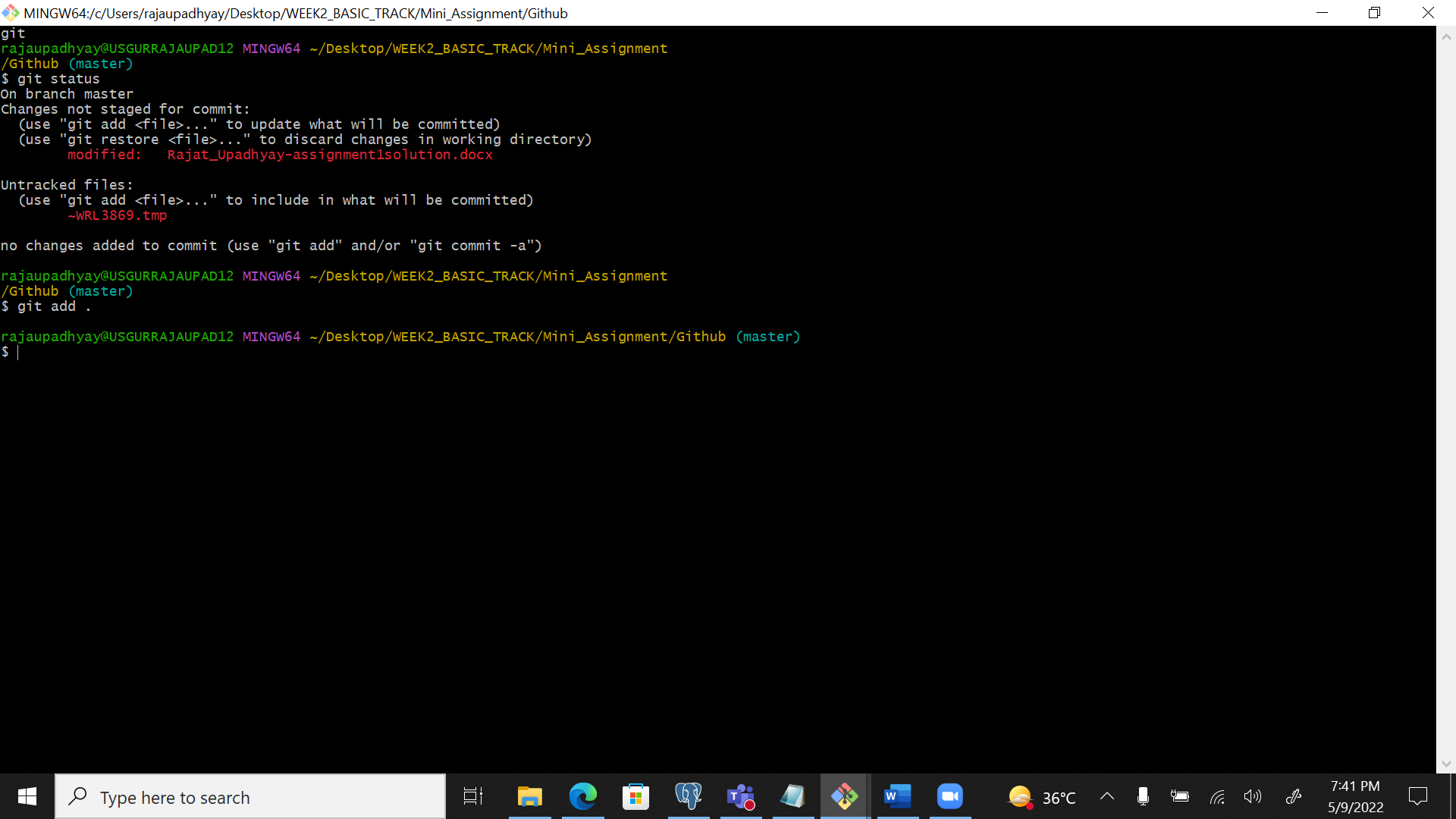
UPDATE TRIP SET dno=1;

**SOLUTION 7**

**A screenshot of a computer

Description automatically generated**

**SOLUTION 8**

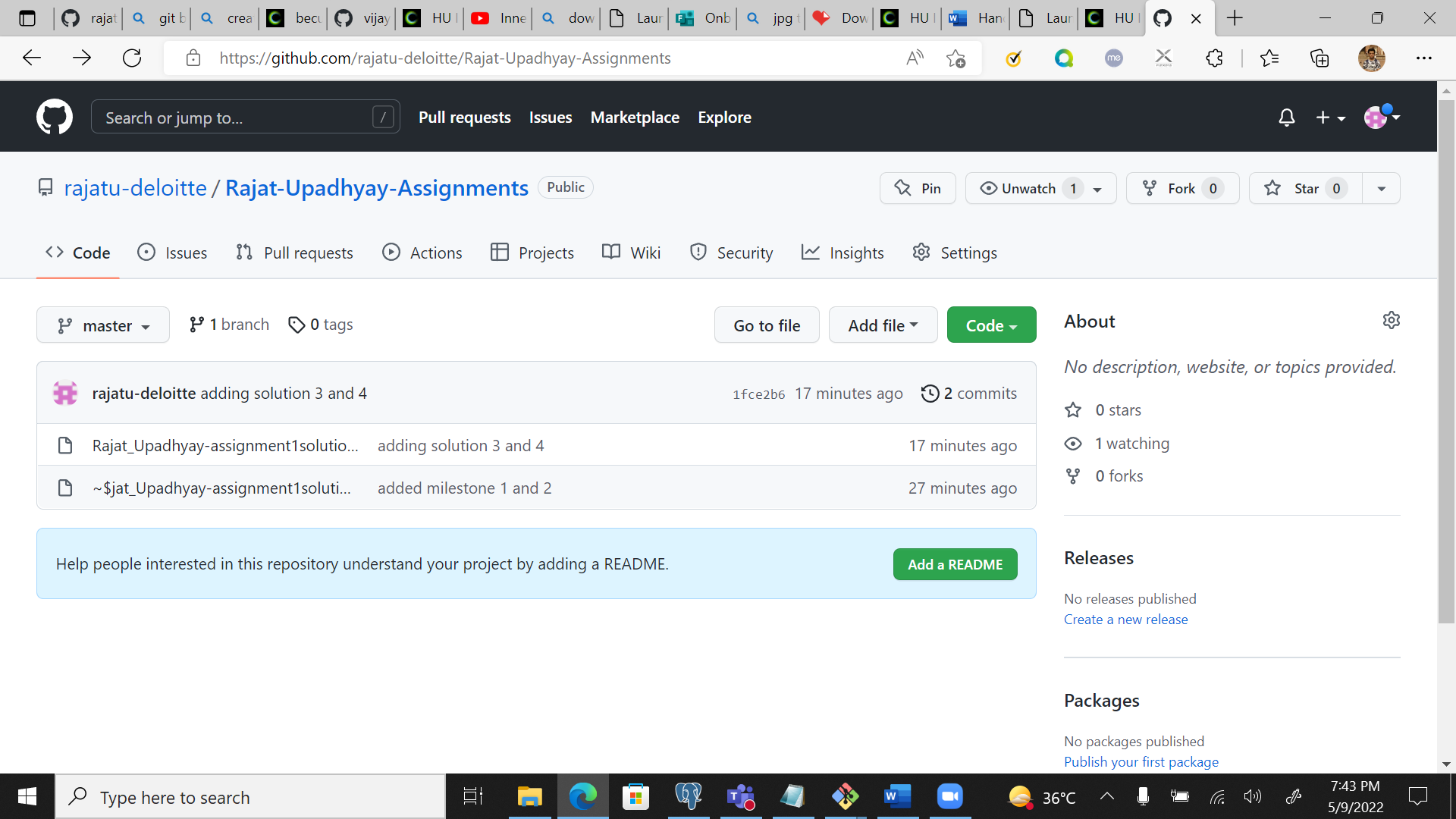


**SOLUTION 9**

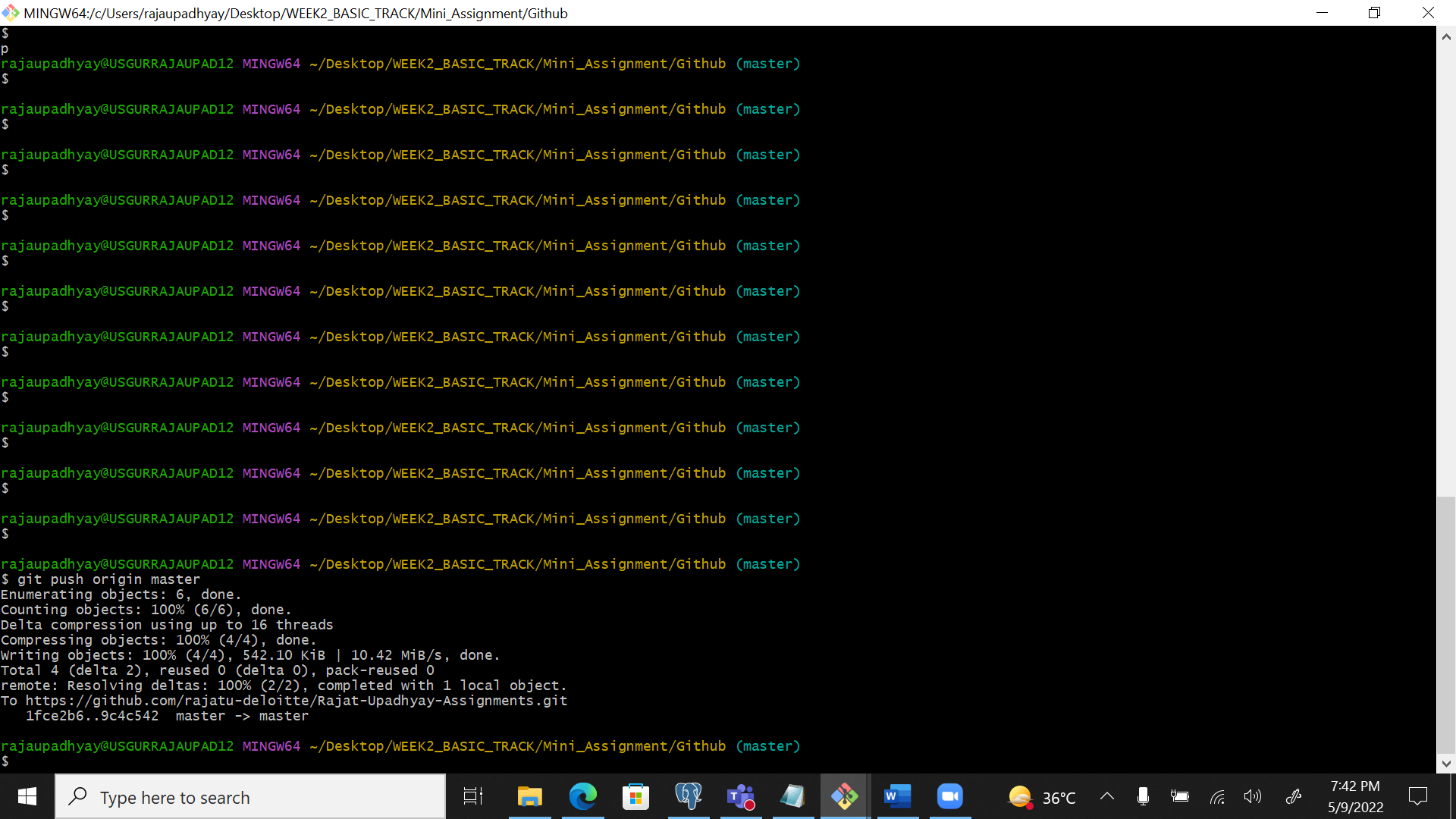
**Text

Description automatically generated**

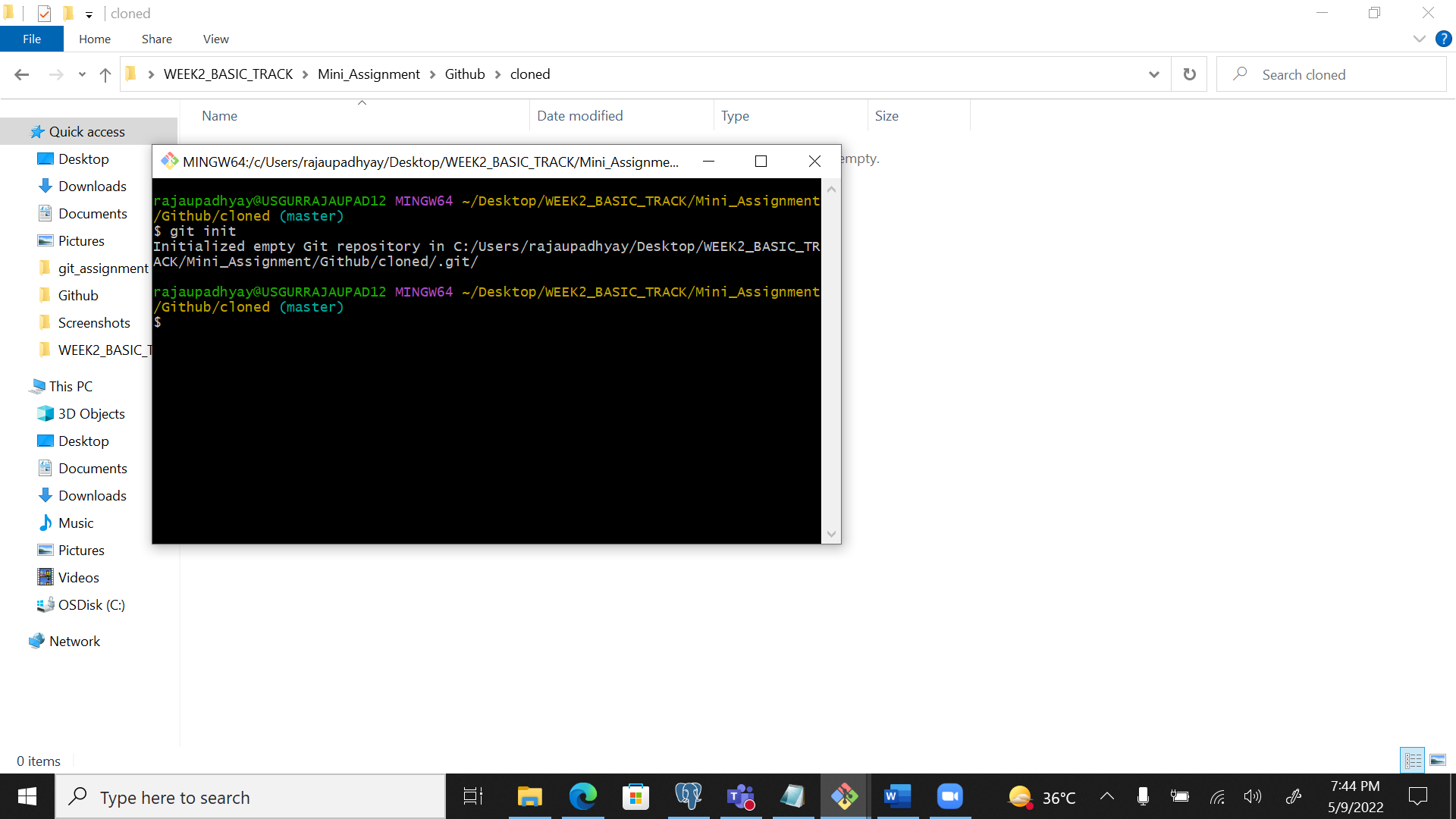
**SOLUTION 10**



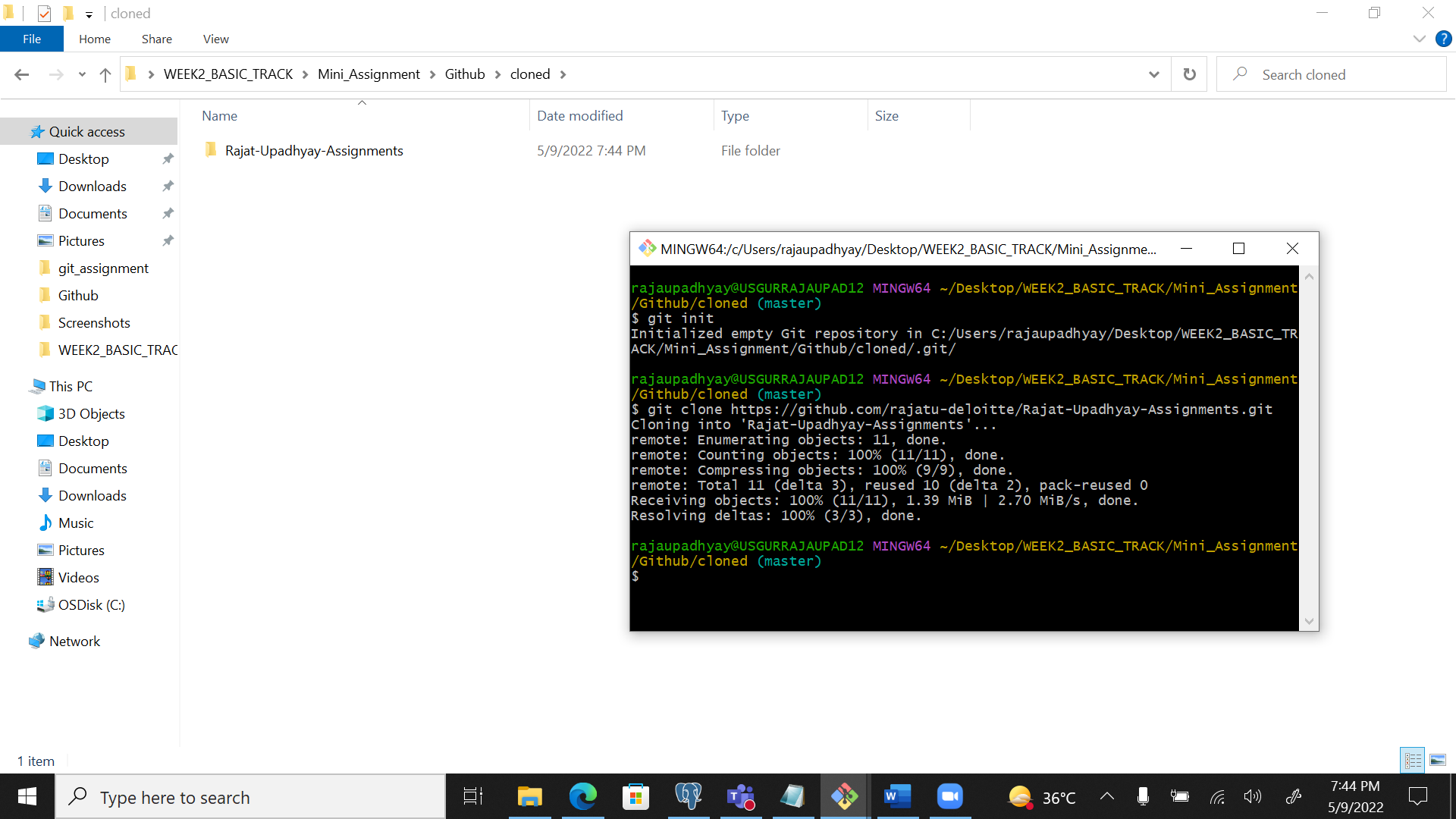
**SOLUTION 11**



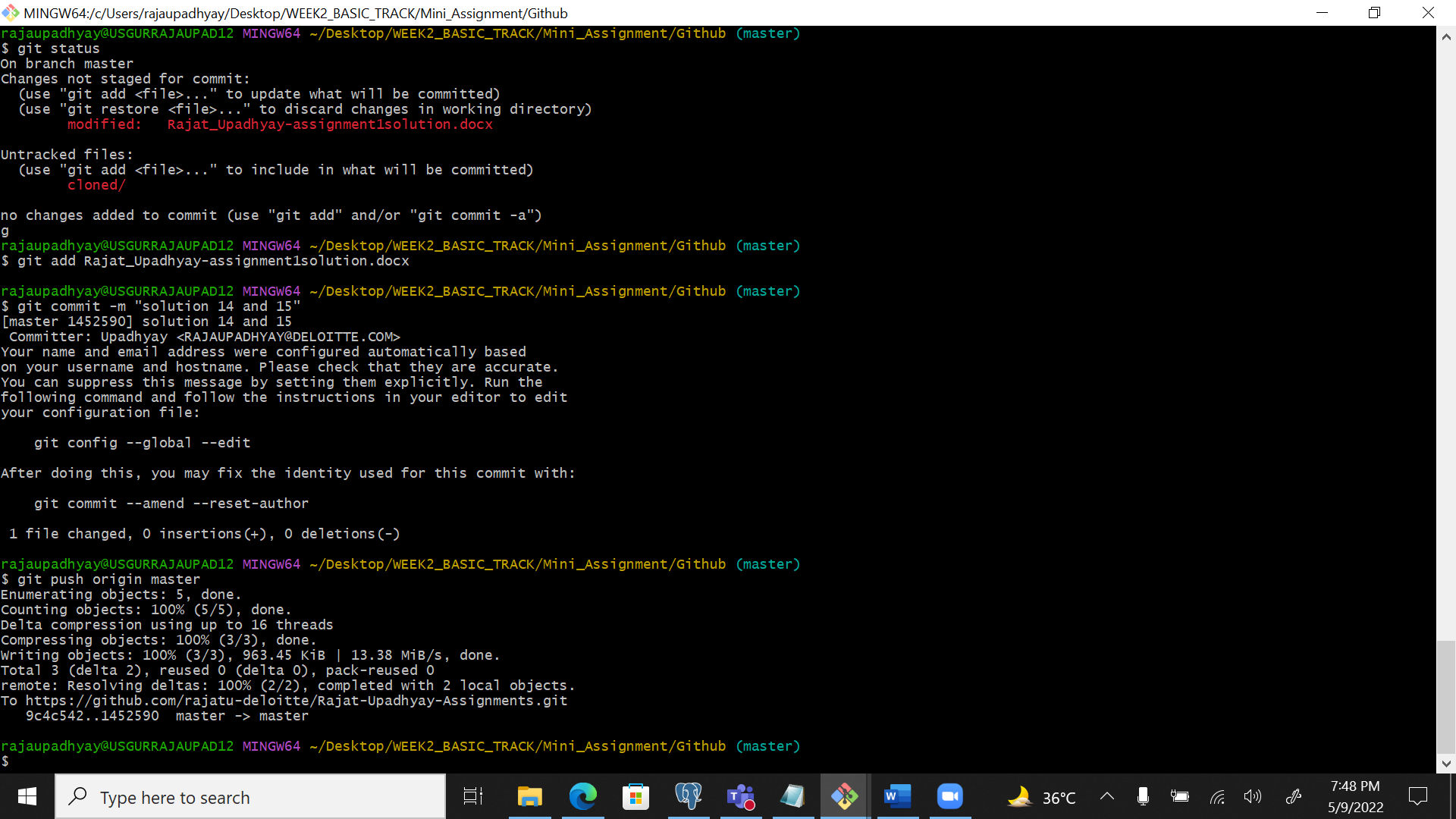
**SOLUTION 12**



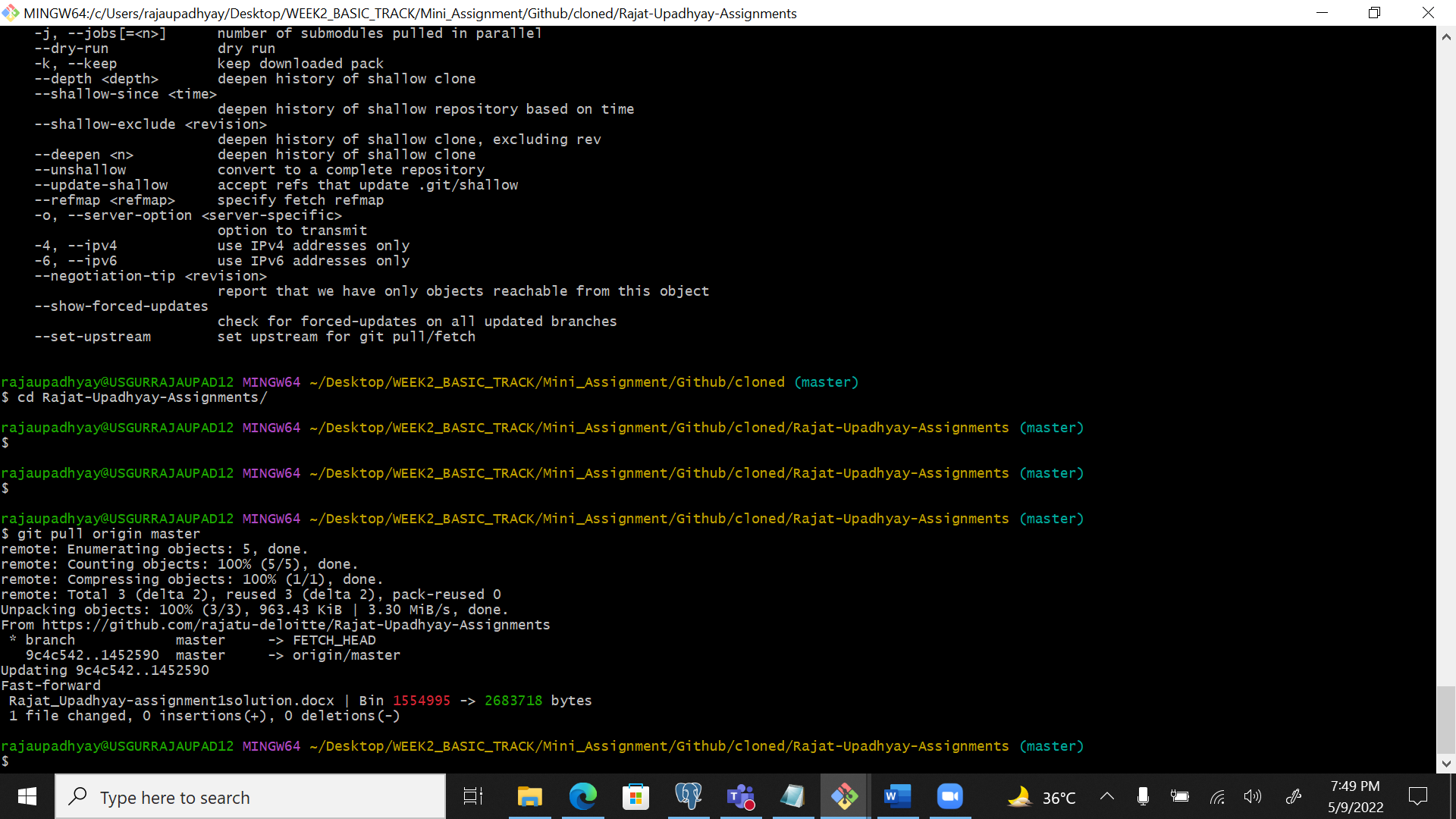
**SOLUTION 13**



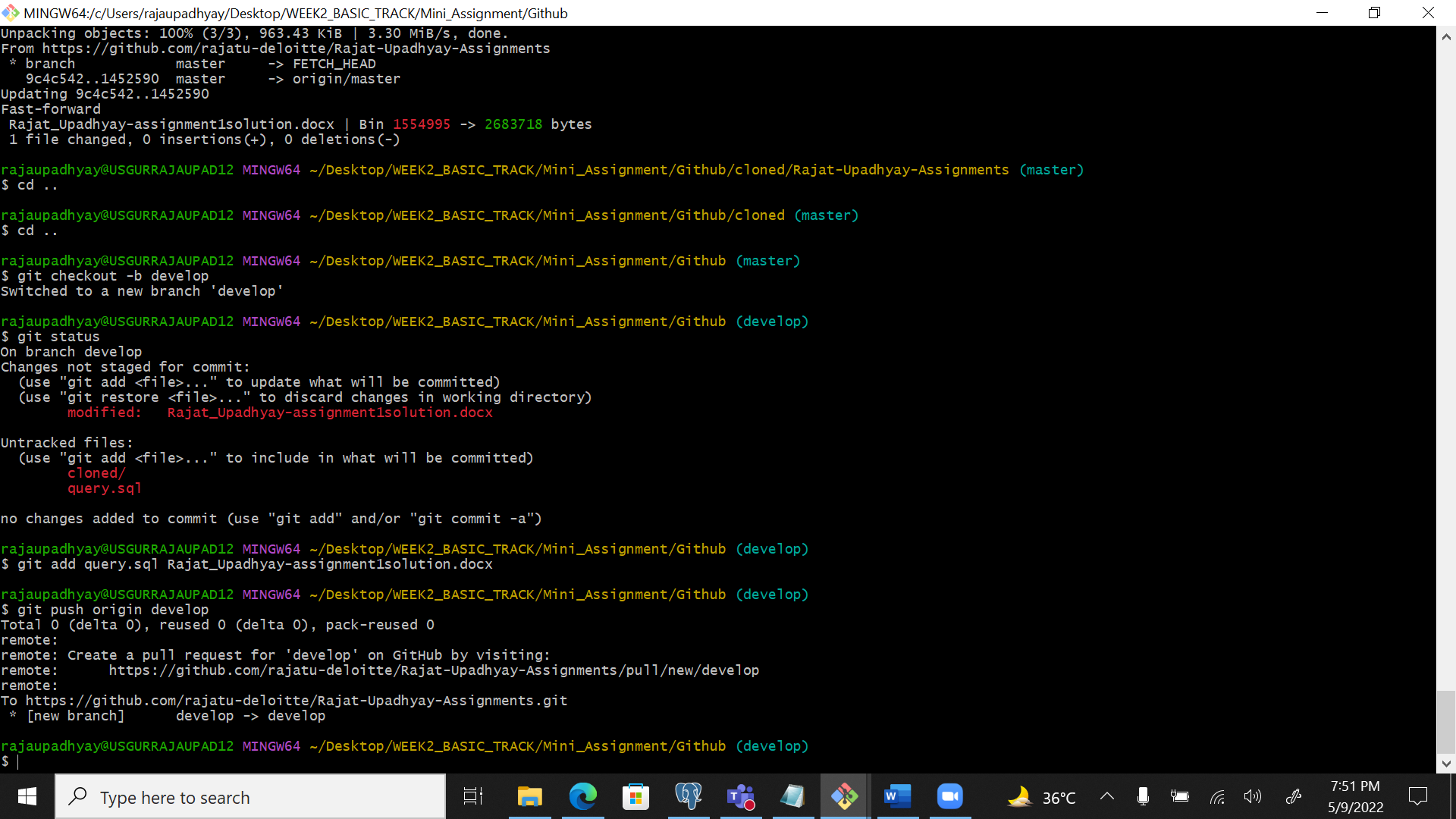
**SOLUTION 14**



**SOLUTION 15**



**SOLUTION 16 and 17**



**ALL COMMANDS**

git init

git clone <https://github.com/rajatu-deloitte/Rajat-Upadhyay-Assignments.git>

git add .

git commit -m "Added solution from 1 to 8"

git push origin master

cd cloned

git clone <https://github.com/rajatu-deloitte/Rajat-Upadhyay-Assignments.git>

cd Rajat-Upadhyay-Assignments/

git pull origin master

git checkout -b develop

git status

git add query.sql Rajat\_Upadhyay-assignment1solution.docx