The killer is 67318.The murderer was Jeremy Bower.

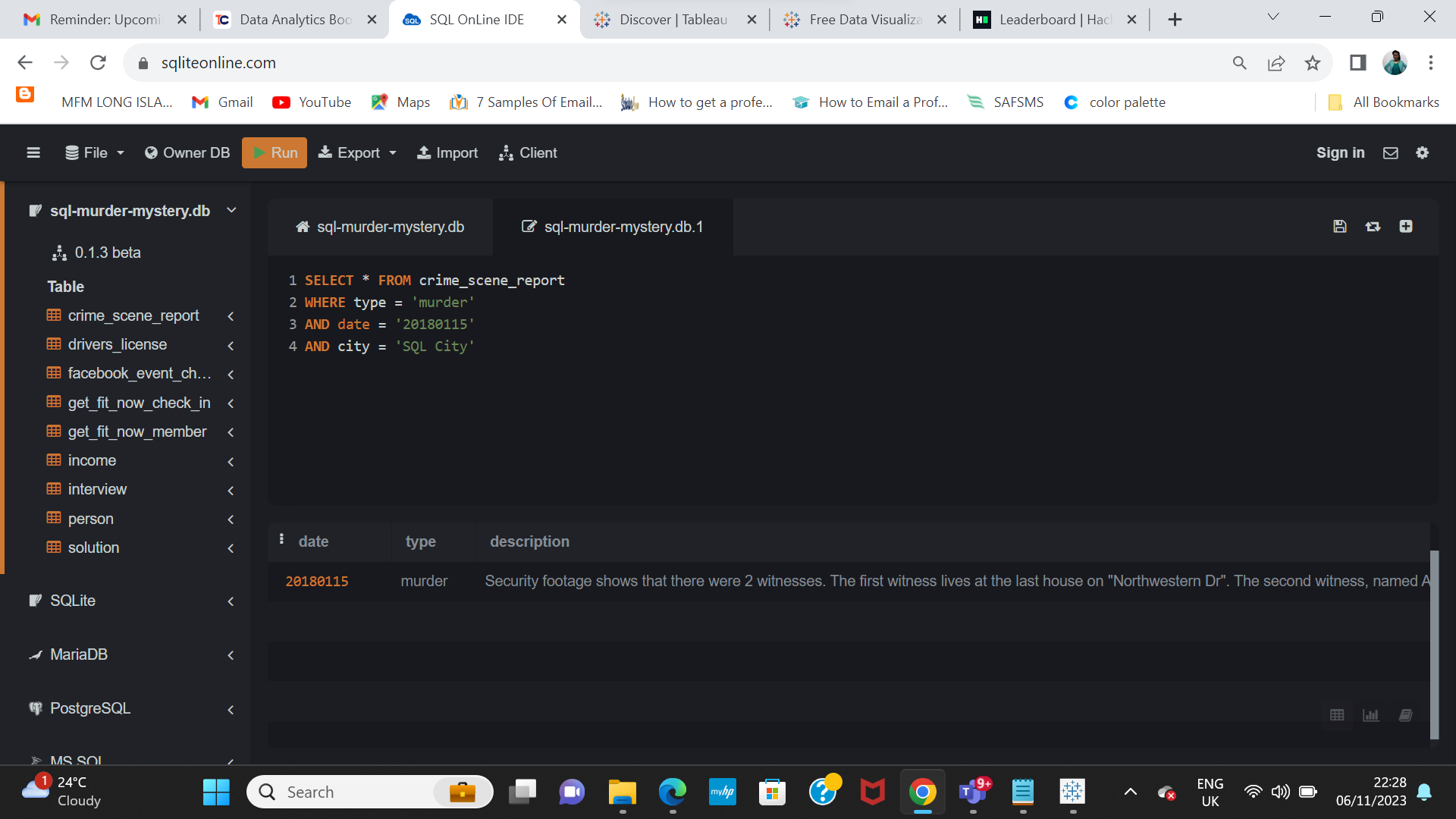
1. Ran a query from crime scene table to get the witnesses.

select \* from crime\_scene\_report

where type = 'murder'

and date = '20180115'

and city = 'SQL City'



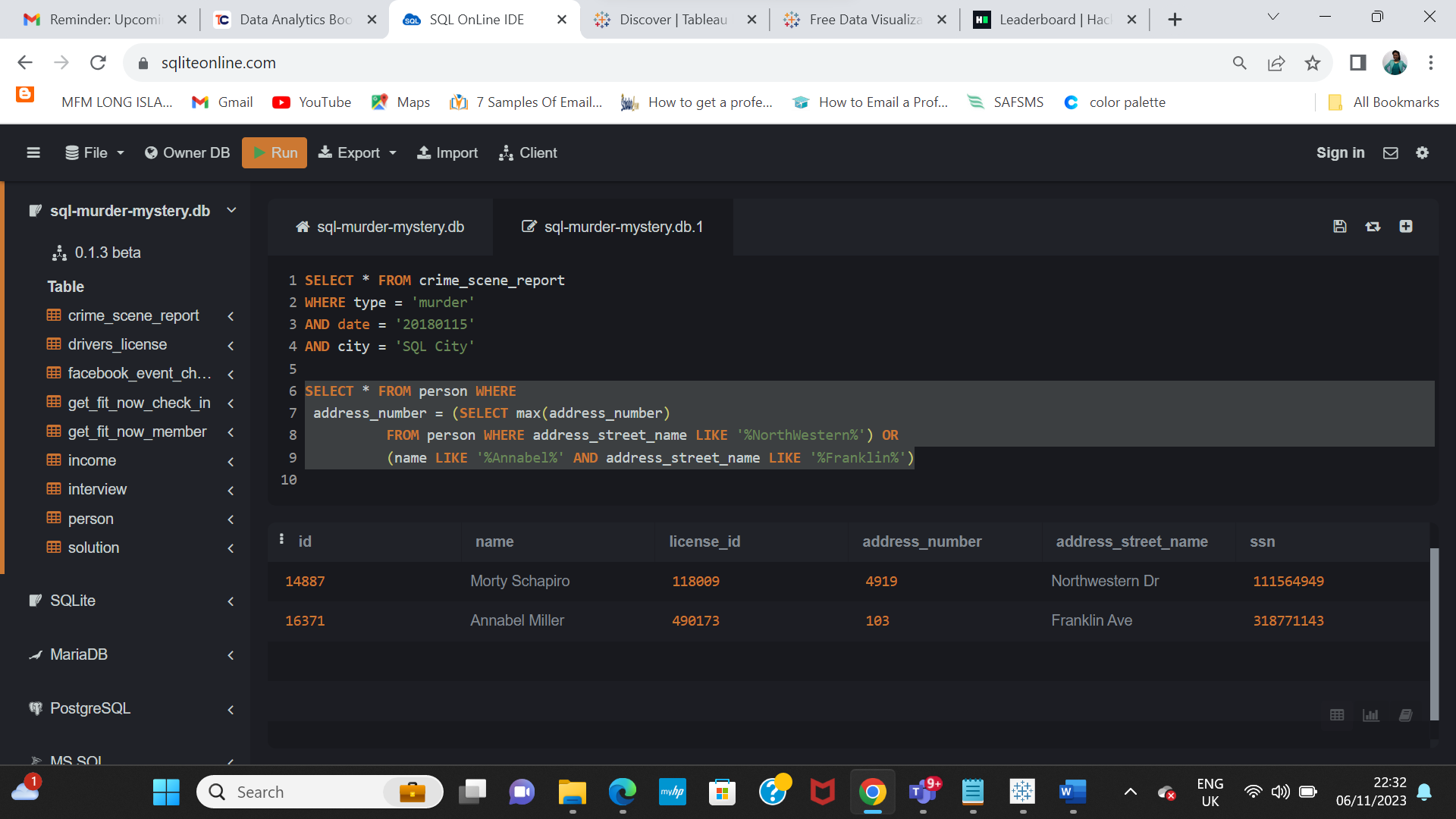
2. Ran the query below to retrieve the details of the witnesses described in the result of the query in no. 1 above

select \* from person where

address\_number = (select max(address\_number)

from person where address\_street\_name like '%NorthWestern%') or

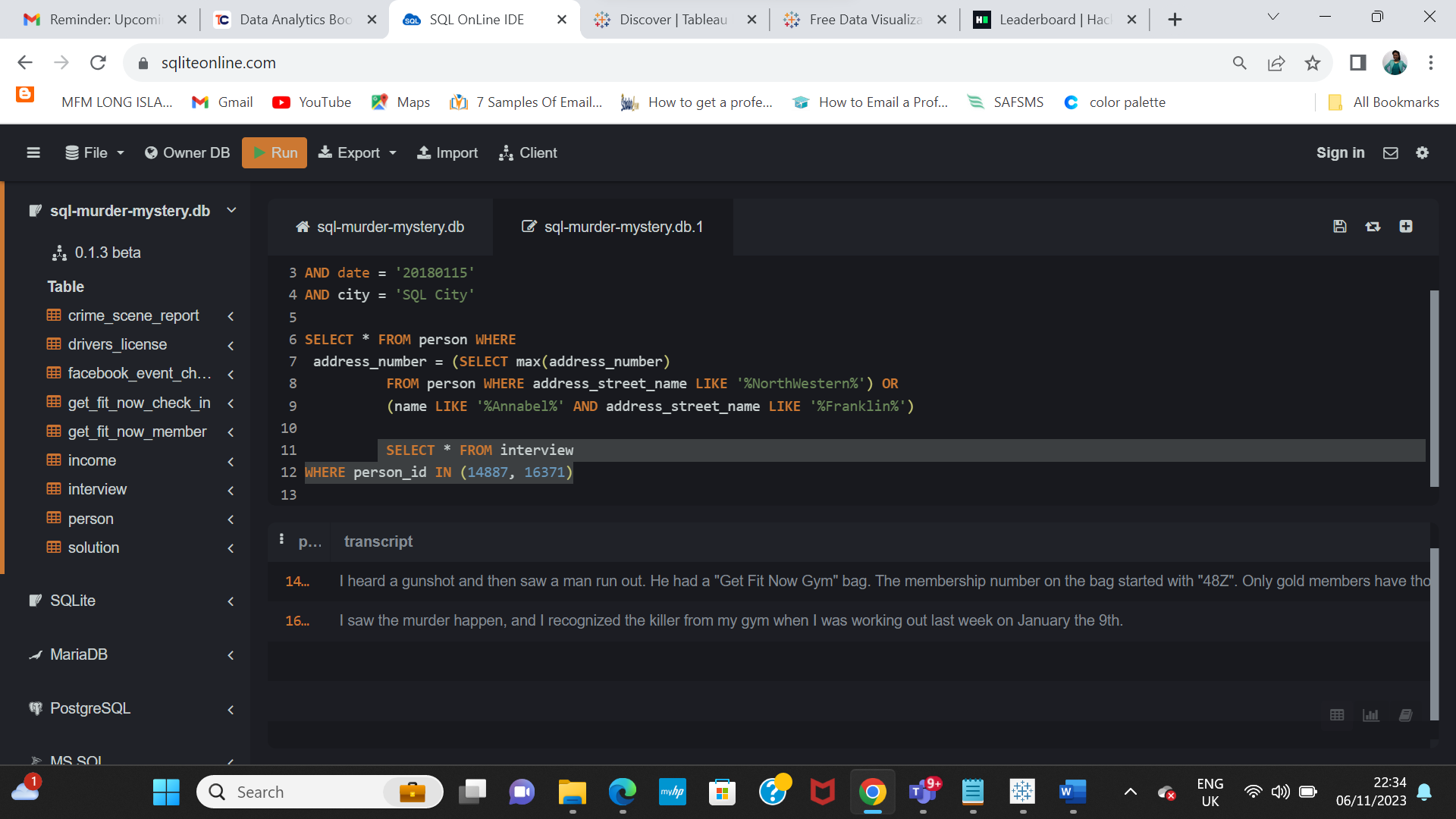
(name like '%Annabel%' and address\_street\_name like '%Franklin%')



3. I ran the query below to get the interview details of the witnesses using the id retrieved from the query in no. 2 above

**select \* from interview**

**where person\_id in (14887, 16371)**

****

4. Using the details from the interview granted by the witnesses, I ran the query below to get the persons that match the decription given by the witnesses.

**select \* from get\_fit\_now\_check\_in where**

**membership\_id in (select id from get\_fit\_now\_member where membership\_status = 'gold' and id like '%48Z%')**

I got two people that matched the description that was given as shown in the screenshot below, so I went further to check the driver's license table for the car that has the description given by the first witness and I got 2 males and 1 female.

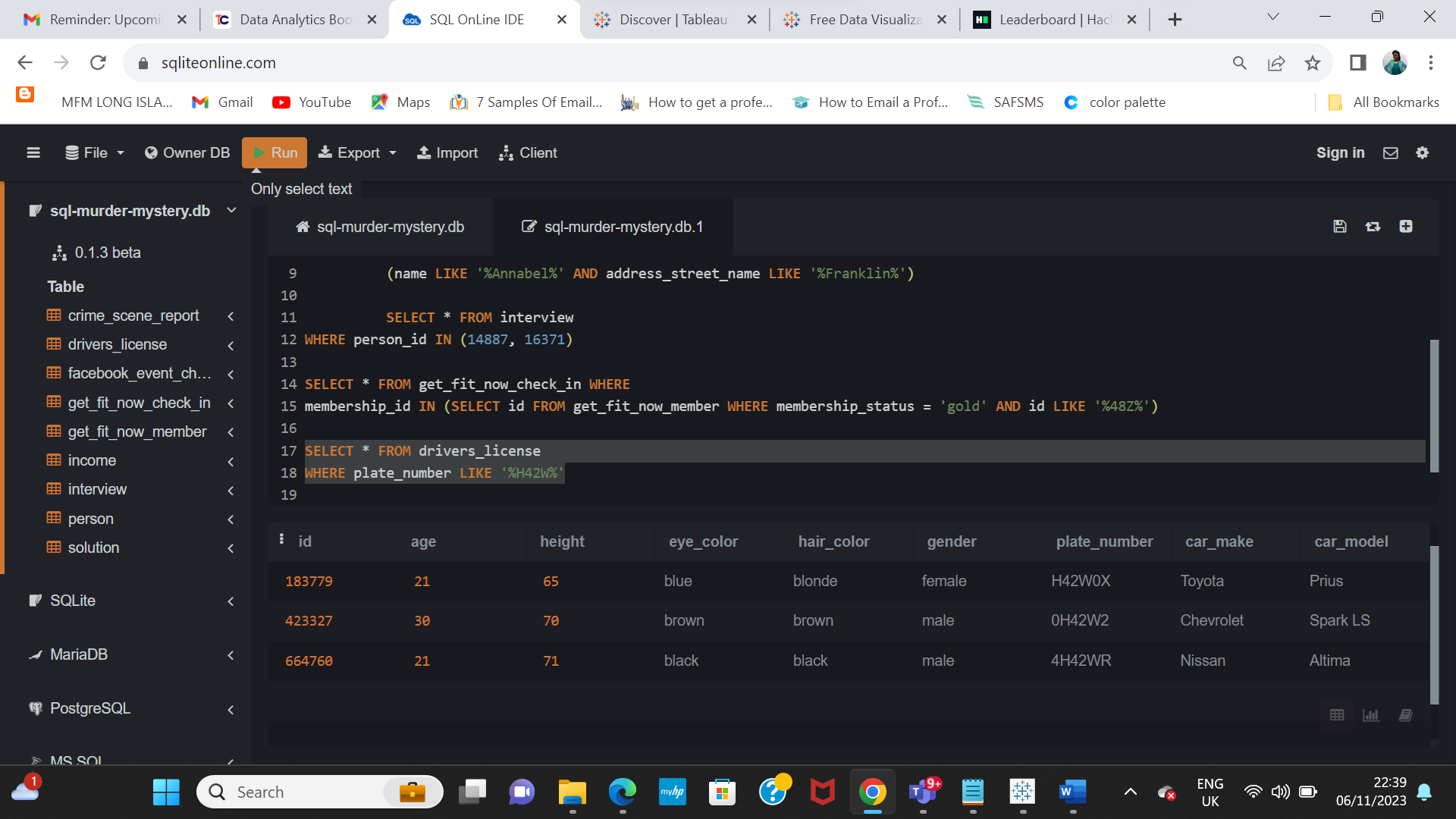
**A screenshot of a computer

Description automatically generated**

**select \* from drivers\_license**

**where plate\_number like '%H42W%'**

The witnesses said a man committed the murder so that ruled out the female from the result above, leaving us with 2 males.

****

**5.** I still went further to run this query to confirm the real murderer based on the witnesses' statement

**select person.name, person.license\_id,**

**drivers\_license.id, drivers\_license.plate\_number,**

**person.id, t.id as membership\_id, t.membership\_status, t.name**

**from person**

**inner join drivers\_license on person.license\_id = drivers\_license.id**

**inner join get\_fit\_now\_member t on person.id = t.person\_id**

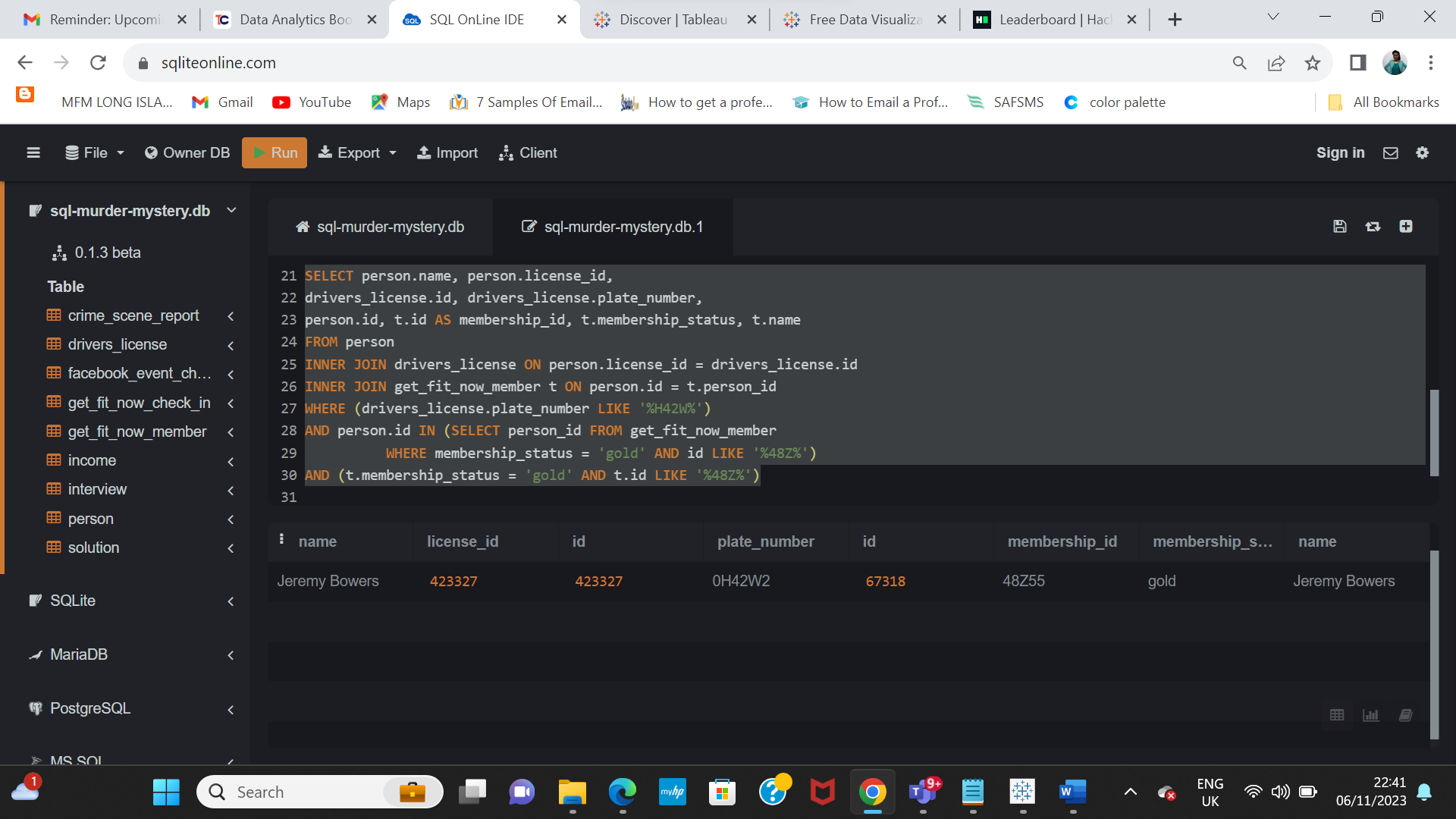
**where (drivers\_license.plate\_number like '%H42W%')**

**and person.id in (select person\_id from get\_fit\_now\_member**

**where membership\_status = 'gold' and id like '%48Z%')**

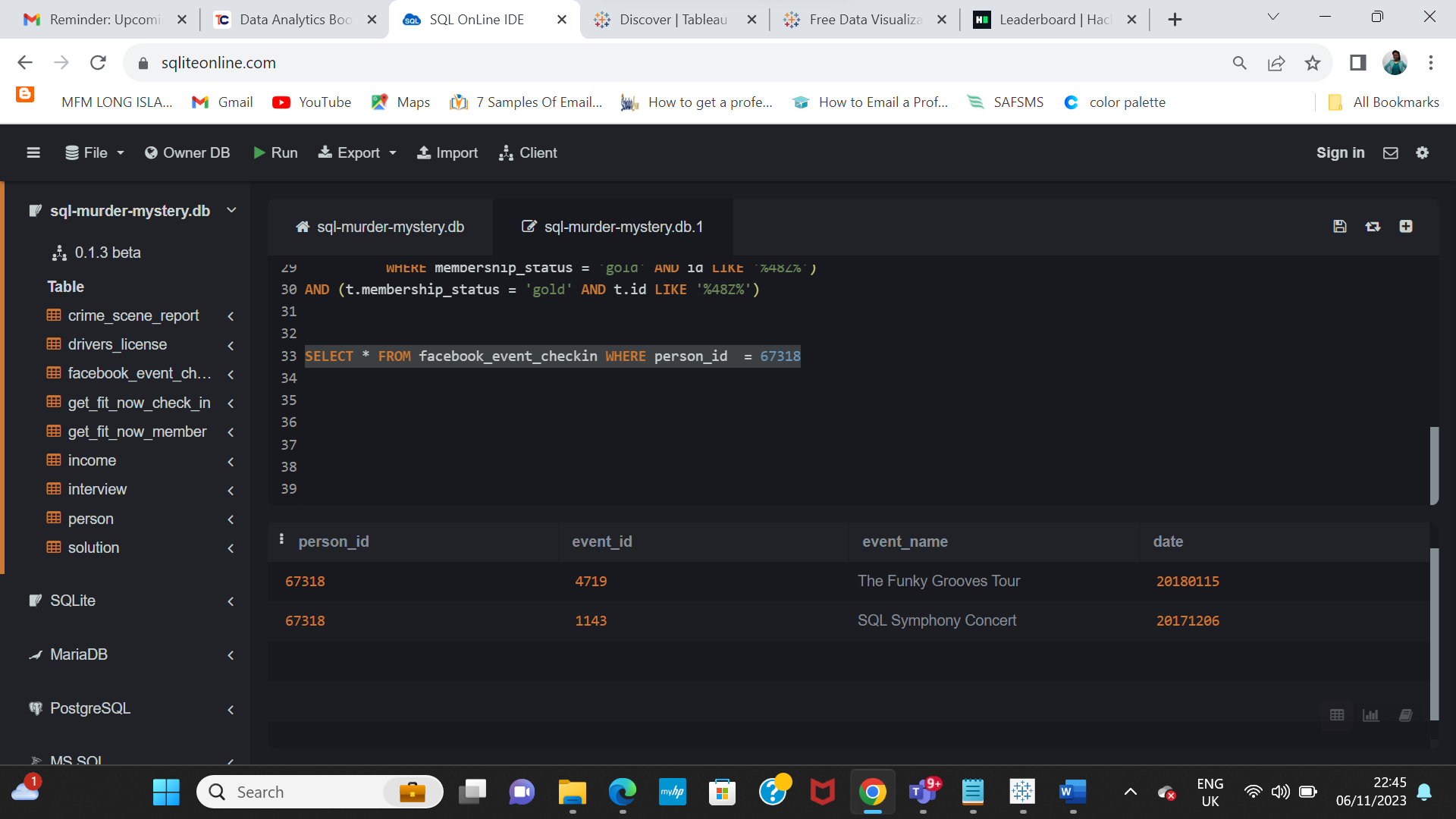
**and (t.membership\_status = 'gold' and t.id like '%48Z%')**

and I got only one person which was "Jeremy Bowers, with driver's license - 423327, person id - 67318



However, on the day of the murder there was a facebook event which he attended. I found that out by running the query below

**select \* from facebook\_event\_checkin where person\_id = 67318**

****