SQL Assignment.

**Mystery:** A crime has taken place and the detective needs your help. The detective gave you the crime scene report, but you somehow lost it. You vaguely remember that the crime was a **murder​**that occurred sometime on Jan.15**, 2018​and** that it took place in SQL **City.** Start by retrieving the corresponding crime scene report from the police department’s database.

**Queries:**

1. SELECT \*

FROM crime\_scene\_report

where date= 20180115

AND type="murder"

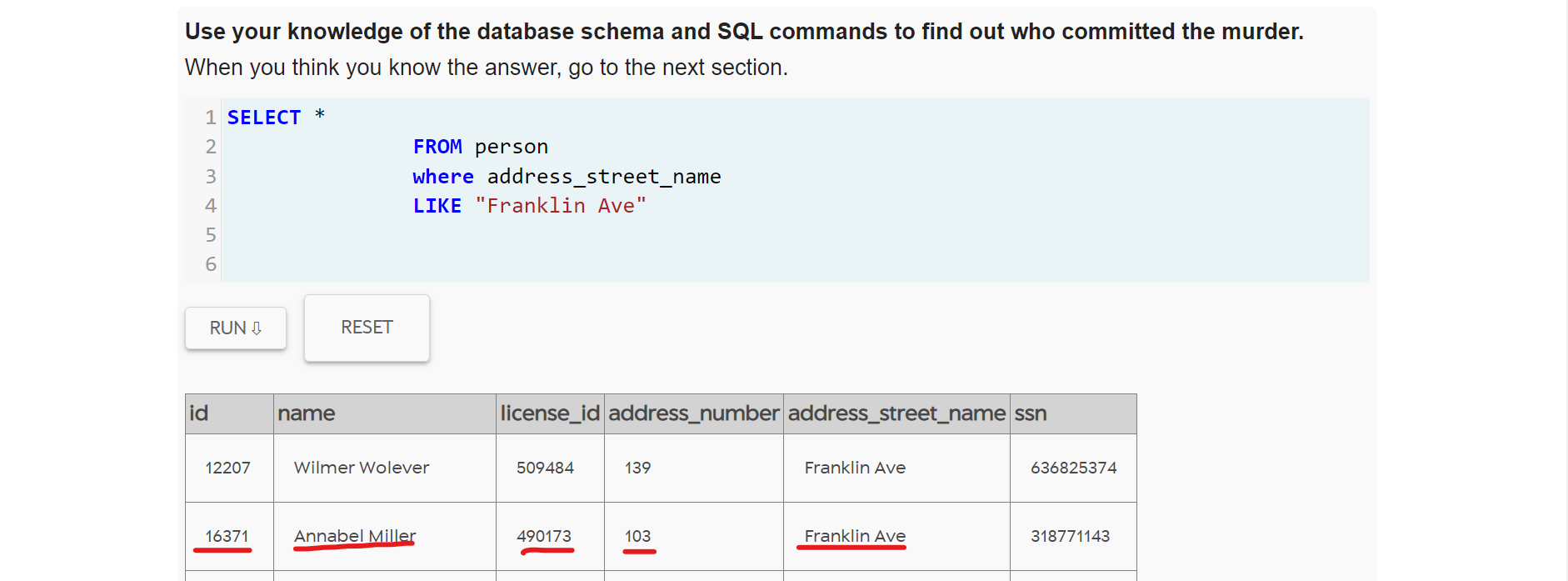


1. SELECT \*

FROM person

where address\_street\_name

LIKE "Franklin Ave"

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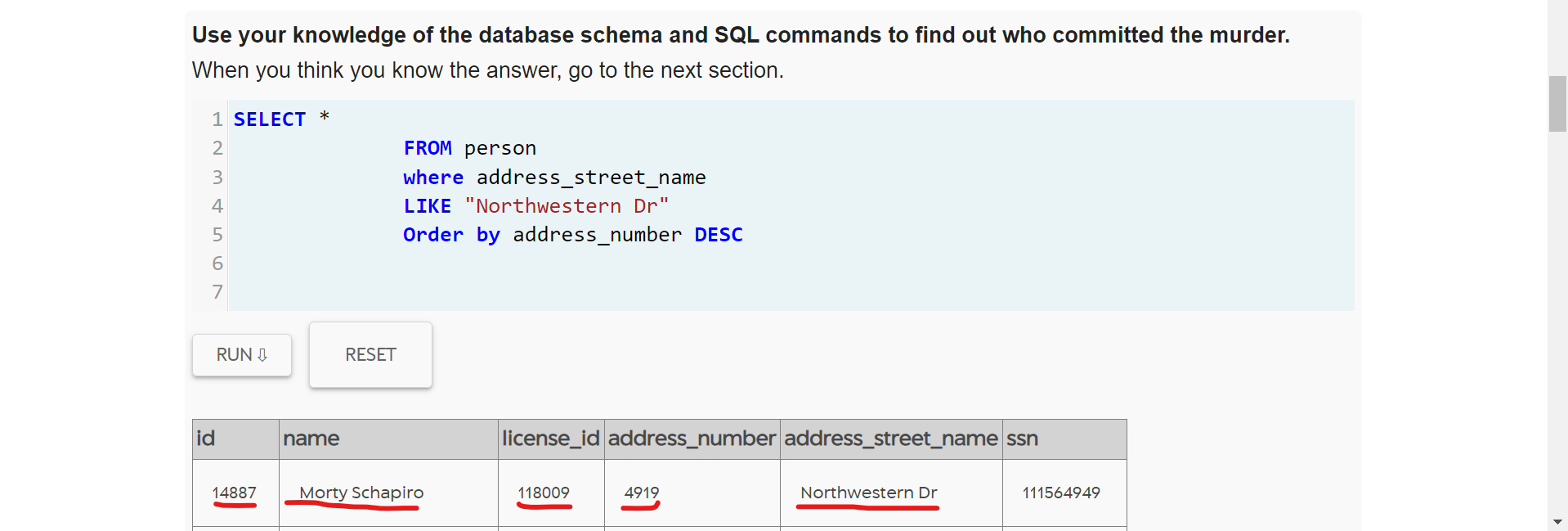
1. SELECT \*

FROM person

where address\_street\_name

LIKE "Northwestern Dr"

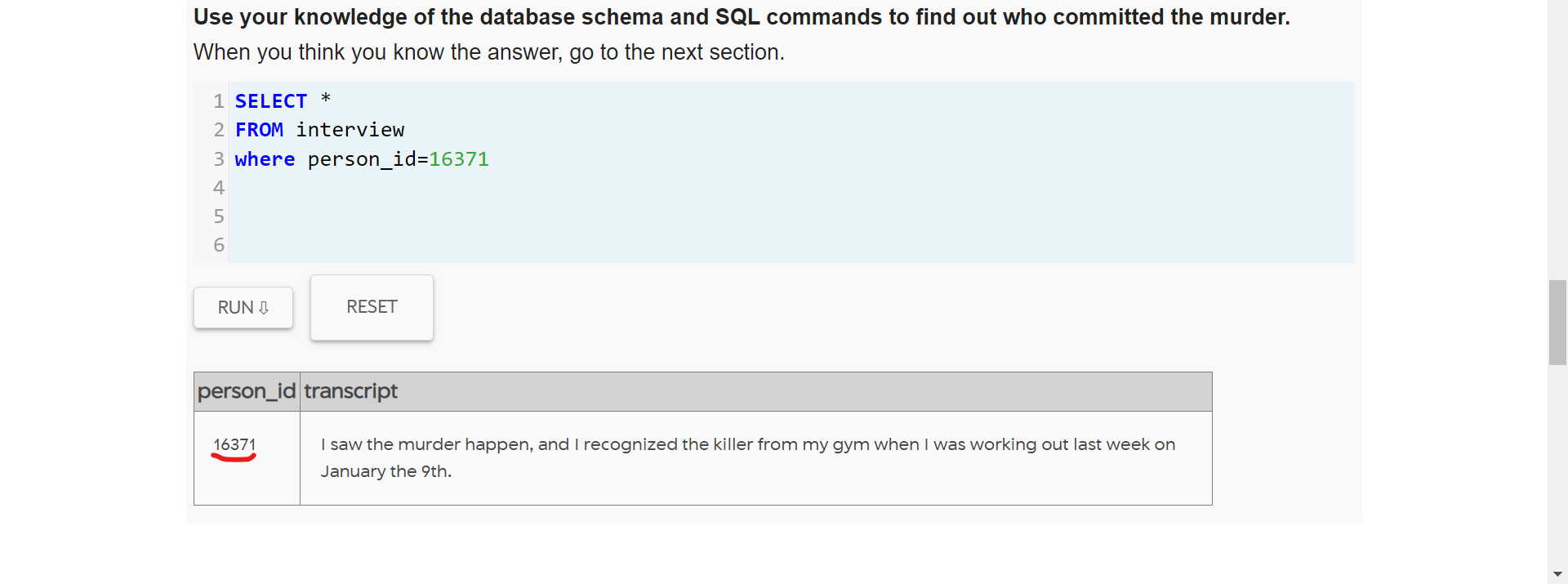
Order by address\_number DESC



1. SELECT \*

FROM interview

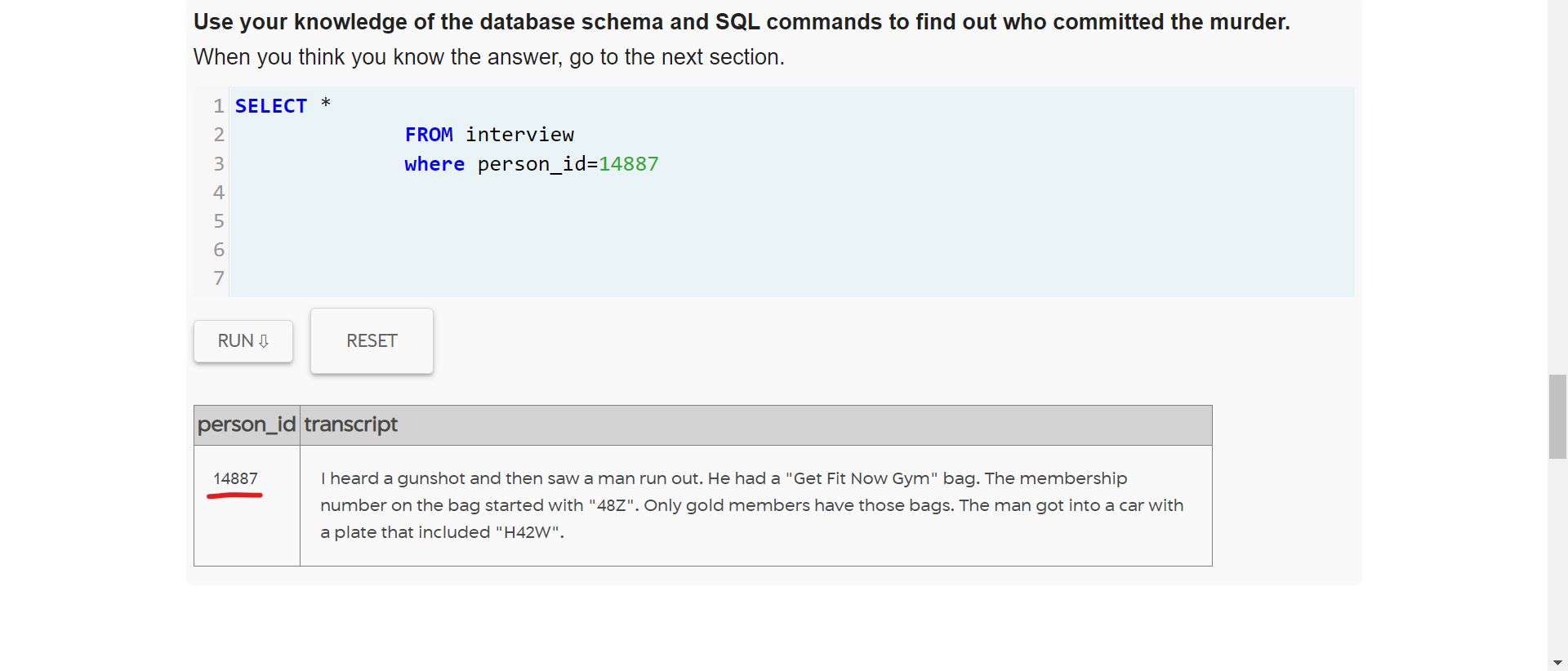
where person\_id=16371



1. SELECT \*

FROM interview

where person\_id=14887

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1. SELECT \*

FROM get\_fit\_now\_check\_in

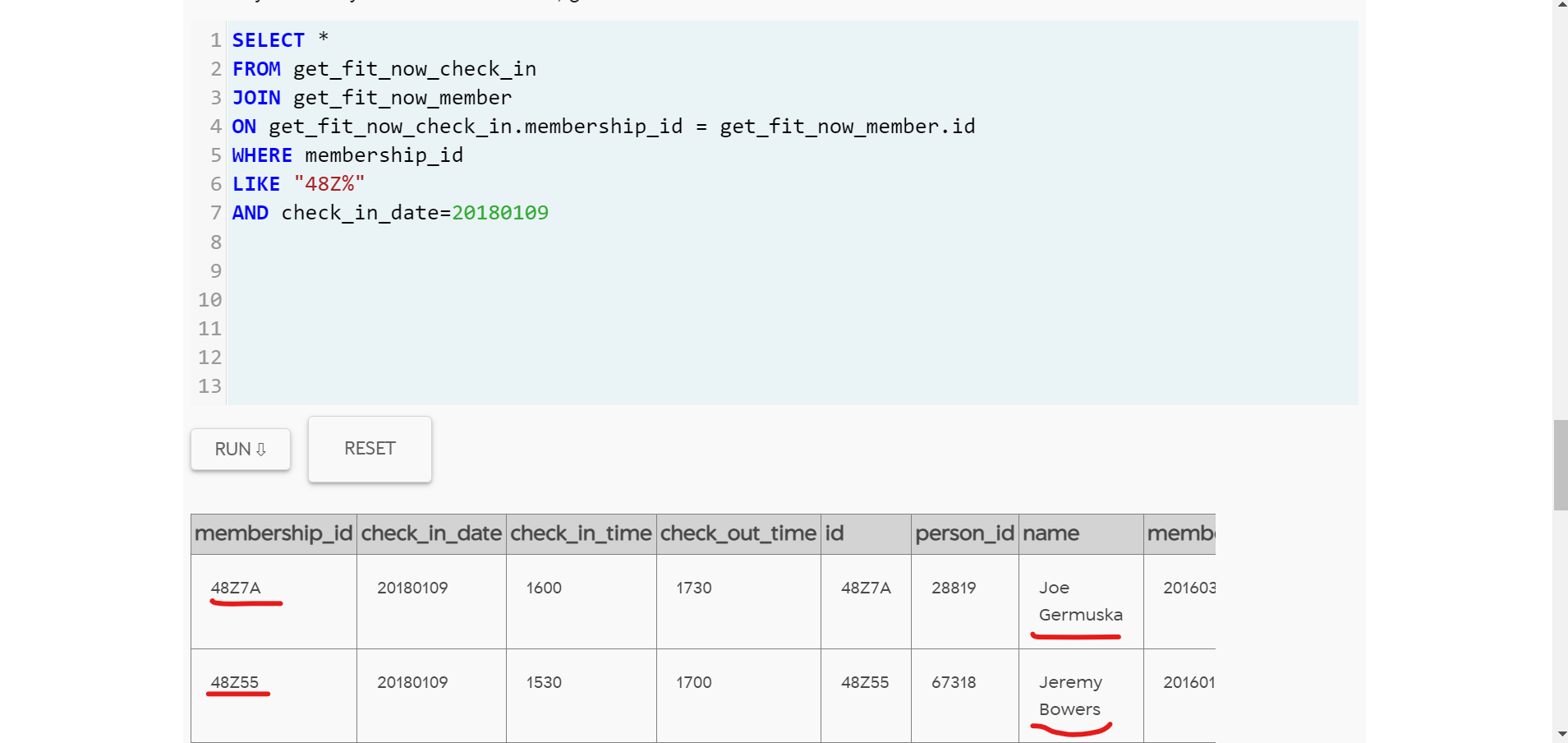
JOIN get\_fit\_now\_member

ON get\_fit\_now\_check\_in.membership\_id = get\_fit\_now\_member.id

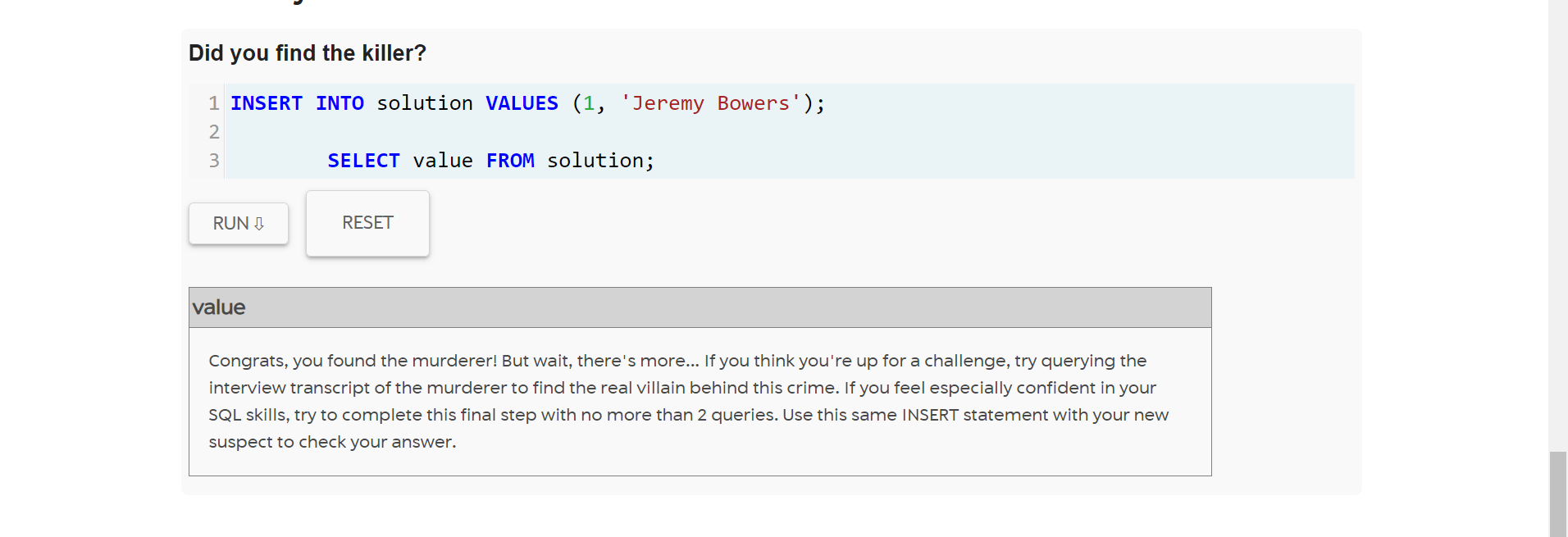
WHERE membership\_id

LIKE "48Z%"

AND check\_in\_date=20180109

****

1. SOLVED MYSTERY

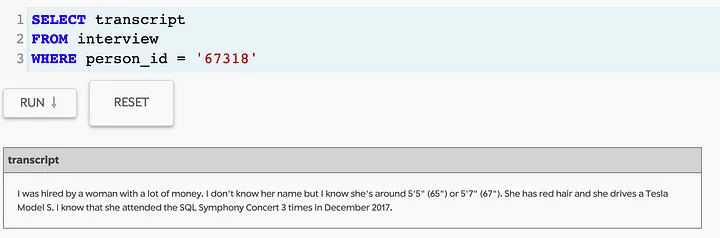


1. To find real killer

SELECT transcript

FROM interview

WHERE person\_id = ‘67318’

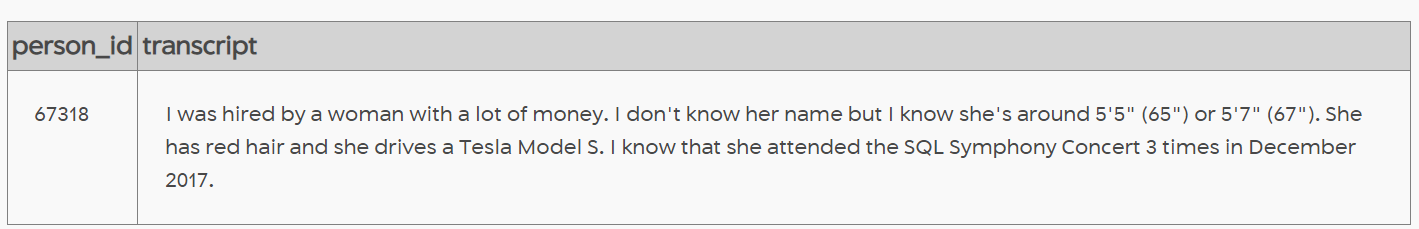


1. Interview transcript of Jeremy Bowers,

SELECT \* FROM interview

WHERE person\_id = ‘67318’





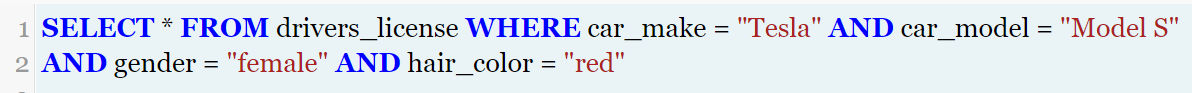
1. Finding the person as per Jeremy’s description,

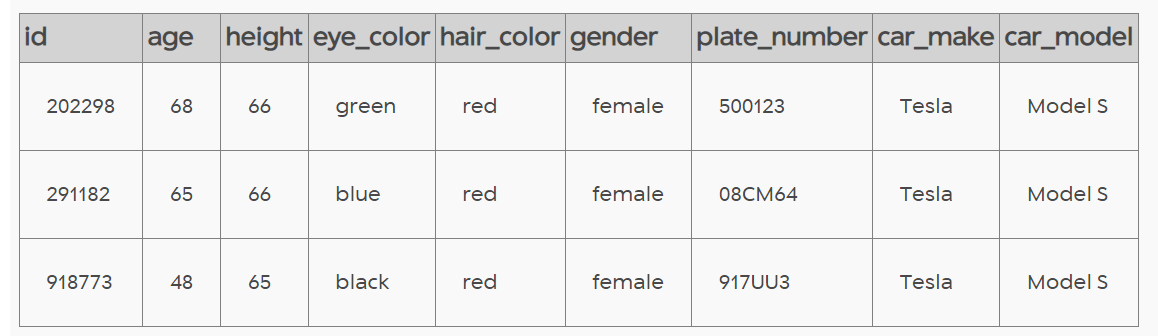
SELECT \*

FROM drivers\_license

WHERE car\_make = “Tesla” AND car\_model = “Model S”

AND gender = “female” AND hair\_color = “red”



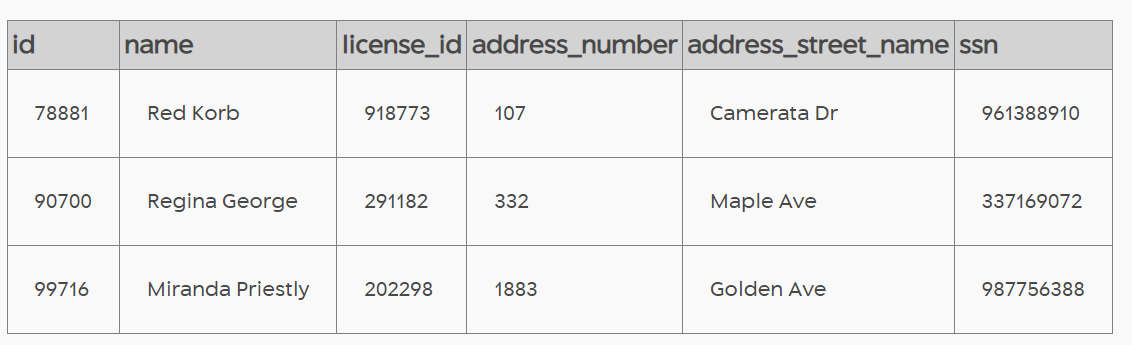


1. Figuring out the name

SELECT \* FROM person

WHERE license\_id = “202298” OR license\_id = “291182” OR licencse\_id = “918773”

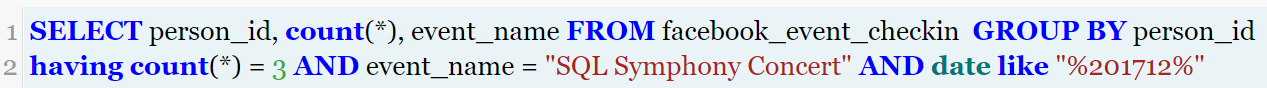


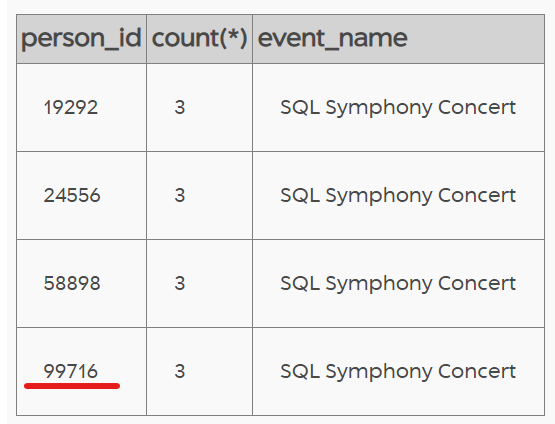


1. Figuring out which person also attended the symphony

SELECT person\_id, count(\*), event\_name FROM facebook\_event\_checkin GROUP BY person\_id

Having count(\*) = 3 AND event\_name = “SQL Symphony Concert” AND date like “%201712”





Thus, found the true mastermind behind the murder. It is Miranda Priestly.

1. Killer found

INSERT INTO solution VALUES (1, ‘Miranda Priestly’);

SELECT value FROM solution;

