

You vaguely remember that the crime was a **murder** that occurred sometime on **Jan.15, 2018** and that it took place in **SQL City**

```
SELECT *
FROM crime_scene_report
WHERE city='SQL City' AND date='20180115' AND type = 'murder'
```

date	type	description	city
20180115	murder	Security footage shows that there were 2 witnesses. The first witness lives at the last house on "Northwestern Dr". The second witness, named Annabel, lives somewhere on "Franklin Ave".	SQL City

The first witness lives at the last house on "Northwestern Dr"

```
SELECT name,transcript,max(address_number)
FROM person
JOIN interview ON person_id=id
WHERE address_street_name like '%Northwestern%'
```

name	transcript	max(address_number)
Morty Schapiro	I heard a gunshot and then saw a man run out. He had a "Get Fit Now Gym" bag. The membership number on the bag started with "48Z". Only gold members have those bags. The man got into a car with a plate that included "H42W".	4919

The membership number on the bag started with "48Z". Only gold members have those bags.

```
SELECT name FROM get_fit_now_member
WHERE membership_status="gold" AND id like "48Z%"
```

```
name
Joe Germuska
Jeremy Bowers
```

```
SELECT name FROM person
JOIN drivers_license ON person.license_id=drivers_license.id
WHERE plate_number like '%H42W%'
```

Tushar Chandra
Jeremy Bowers
Maxine Whitely

The second witness, named Annabel, lives somewhere on "Franklin Ave".

```
SELECT name,address_street_name,transcript FROM person
JOIN interview ON person_id=id
WHERE name like "%Annabel%" AND address_street_name="Franklin Ave";
```

name	address_street_name	transcript
Annabel Miller	Franklin Ave	I saw the murder happen, and I recognized the killer from my gym when I was working out last week on January the 9th.

```
SELECT * FROM get_fit_now_check_in
JOIN get_fit_now_member ON membership_id=id
WHERE check_in_date="20180109" AND membership_id like "48Z%";
```

membership_id	check_in_date	check_in_time	check_out_time	membership_id	person_id	name	membership_start_date	membership_status
48Z7A	20180109	1600	1730	48Z7A	28819	Joe Germuska	20160305	gold
48Z55	20180109	1530	1700	48Z55	67318	Jeremy Bowers	20160101	gold

```
SELECT name,transcript FROM person
JOIN interview ON person_id=id
WHERE name="Jeremy Bowers" OR name="Maxine Whitely" OR name="Tushar Chandra"
```

name transcript

Jeremy Bowers I was hired by a woman with a lot of money. I don't know her name but I know she's around 5'5" (65") or 5'7" (67"). She has red hair and she drives a Tesla Model S. I know that she attended the SQL Symphony Concert 3 times in December 2017.

value

Congrats, you found the murderer! But wait, there's more... If you think you're up for a challenge, try querying the interview transcript of the murderer to find the real villain behind this crime. If you feel especially confident in your SQL skills, try to complete this final step with no more than 2 queries. Use this same INSERT statement with your new suspect to check your answer.

```
SELECT * from drivers_license
WHERE hair_color="red" AND car_model='Model S'
AND height BETWEEN 65 AND 67
```

id	age	height	eye_color	hair_color	gender	plate_number	car_make	car_model
202298	68	66	green	red	female	500123	Tesla	Model S
291182	65	66	blue	red	female	08CM64	Tesla	Model S
918773	48	65	black	red	female	917UU3	Tesla	Model S

```
SELECT DISTINCT name, hair_color, car_model, height from person
JOIN facebook_event_checkin ON person.id= facebook_event_checkin.person_id
JOIN drivers_license ON drivers_license.id=person.license_id
where event_name="SQL Symphony Concert"
AND date BETWEEN 20171200 AND 20171231
AND hair_color="red" AND car_model='Model S'
AND height BETWEEN 65 AND 67
```

name	hair_color	car_model	height
Miranda Priestly	red	Model S	66

value

Congrats, you found the brains behind the murder! Everyone in SQL City hails you as the greatest SQL detective of all time. Time to break out the champagne!