

1 зацепка: “**murder** that occurred sometime on **Jan.15, 2018** and that it took place in **SQL City**”

Найдем в базе информацию про это убийство

```
SELECT * FROM crime_scene_report
```

```
WHERE date = "20180115" AND city = "SQL City" 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

Вывод:

У нас 2 свидетеля:

1 живет в последнем доме на “Northwestern Dr”

2 живет на "Franklin Ave" и ее имя Annabel

Найдем их в базе!

1 свидетель

Так как он живет в последнем доме, его address_number максимален

```
SELECT * FROM person
```

```
WHERE address_street_name = "Northwestern Dr"
```

```
AND address_number = (SELECT MAX(address_number) FROM person);
```

id	name	license_id	address_number	address_street_name	ssn
14887	Morty Schapiro	118009	4919	Northwestern Dr	111564949

2 свидетель

```
SELECT * FROM person
```

```
WHERE address_street_name = "Franklin Ave" AND name LIKE "%Annabel%";
```

id	name	license_id	address_number	address_street_name	ssn
16371	Annabel Miller	490173	103	Franklin Ave	318771143

Теперь узнаем подробности того, что они видели благодаря показаниям

1 свидетель

```
SELECT * FROM interview  
WHERE person_id = 14887;
```

person_id	transcript
14887	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".

Вывод:

Убийца тренируется в спортзале, золотой член клуба, сумка начинается с "48Z", а номер машины включает "H42W"

2 свидетель

```
SELECT * FROM interview  
WHERE person_id = 16371;
```

person_id	transcript
16371	I saw the murder happen, and I recognized the killer from my gym when I was working out last week on January the 9th.

Вывод:

Убийца тренировался 9 января

Найдем людей с такими данными:

```
SELECT g.id,person_id,p.name, membership_status,plate_number FROM  
get_fit_now_member g  
JOIN person p  
ON g.person_id = p.id  
JOIN drivers_license d  
ON p.license_id = d.id  
WHERE g.id LIKE "48Z%" AND membership_status = "gold" AND plate_number  
LIKE "%H42W%";
```

id	person_id	name	membership_status	plate_number
48Z55	67318	Jeremy Bowers	gold	0H42W2

Вывод:

Jeremy Bowers это убийца!

Доп задание

```
SELECT * FROM interview  
WHERE person_id = 67318;
```

person_id	transcript
67318	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.

Вывод:

Убийцу наняла женщина ростом от 65 до 67 с красными волосами на машине Tesla Model S, также она посещала SQL Symphony Concert 3 раза

```
SELECT name, hair_color, gender, car_make,  
car_model, event_name, COUNT(event_name) count_events FROM drivers_license  
d  
JOIN person p  
ON p.license_id = d.id  
JOIN facebook_event_checkin f  
ON f.person_id = p.id  
GROUP BY person_id,event_id  
HAVING height BETWEEN 65 AND 67 AND hair_color = "red"  
AND gender = "female" AND car_make ="Tesla" AND car_model = "Model S"  
AND event_name = "SQL Symphony Concert" AND count_events = 3;
```

name	hair_color	gender	car_make	car_model	event_name	count_events
Miranda Priestly	red	female	Tesla	Model S	SQL Symphony Concert	3

Вывод:

Miranda Priestly наняла **Jeremy Bowers** для убийства!