1. SELECT \*

FROM crime\_scene\_report

where date = 20180115

and type = "murder"

and city = "SQL City"

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"

2) SELECT \*

FROM person

where address\_street\_name = "Northwestern Dr"

order by address\_number DESC

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 14887 | Morty Schapiro | 118009 | 4919 | Northwestern Dr | 111564949 |

3)

SELECT \*

FROM person

where address\_street\_name = "Franklin Ave"

and name LIKE "Annabel%"

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 16371 | Annabel Miller | 490173 | 103 | Franklin Ave | 318771143 |

4) SELECT name, transcript

from person

join interview on person.id = interview.person\_id

where person.id = 14887

|  |  |
| --- | --- |
| 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". |

– gunshot

- man

- membership number started with "48Z"

- gold members

- car plate “included "H42W"

5)

SELECT name, transcript

from person

join interview on person.id = interview.person\_id

where person.id = 16371

|  |  |
| --- | --- |
| Annabel Miller | I saw the murder happen, and I recognized the killer from my gym when I was working out last week on January the 9th. |

Check in january 9th

6)

--– gunshot

-- man

-- membership number started with "48Z"

-- gold members

-- car plate “included "H42W"

select \*

from get\_fit\_now\_member

where id like "48Z%"

and membership\_status = "gold"

| **id** | **person\_id** | **name** | **membership\_start\_date** | **membership\_status** |
| --- | --- | --- | --- | --- |
| 48Z7A | 28819 | Joe Germuska | 20160305 | gold |
| 48Z55 | 67318 | Jeremy Bowers | 20160101 | gold |

7)

--– gunshot

-- man

-- membership number started with "48Z"

-- gold members

-- car plate “included "H42W"

select \*

from get\_fit\_now\_member as gfnm

JOIN person AS p on p.id = gfnm.person\_id

where gfnm.id like "48Z%"

and membership\_status = "gold"

--and gfnm.person\_id = dl.id

Table

Description automatically generated

8) --– gunshot

-- man

-- membership number started with "48Z"

-- gold members

-- car plate “included "H42W"

select gfnm.id as membership\_id, gfnm.name as name, p.license\_id as license\_id, plate\_number

from get\_fit\_now\_member as gfnm

JOIN person AS p on p.id = gfnm.person\_id

join drivers\_license AS dl on dl.id = p.license\_id

where gfnm.id like "48Z%"

and membership\_status = "gold"

--and gfnm.person\_id = dl.id

| **membership\_id** | **name** | **license\_id** | **plate\_number** |
| --- | --- | --- | --- |
| 48Z55 | Jeremy Bowers | 423327 | 0H42W2 |

9) select \*

from get\_fit\_now\_check\_in as gfnc

where membership\_id = "48Z55"

and check\_in\_date = 20180109

--and gfnm.person\_id = dl.id

| **membership\_id** | **check\_in\_date** | **check\_in\_time** | **check\_out\_time** |
| --- | --- | --- | --- |
| 48Z55 | 20180109 | 1530 | 1700 |

10)

select \*

from get\_fit\_now\_check\_in as gfnc

where membership\_id = "48Z55"

and check\_in\_date = 20180109

--and gfnm.person\_id = dl.id

| **membership\_id** | **check\_in\_date** | **check\_in\_time** | **check\_out\_time** |
| --- | --- | --- | --- |
| 48Z55 | 20180109 | 1530 | 1700 |

11)

INSERT INTO solution VALUES (1, "Jeremy Bowers");

SELECT value FROM solution;

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.