Alan Varkey Martin

2437007

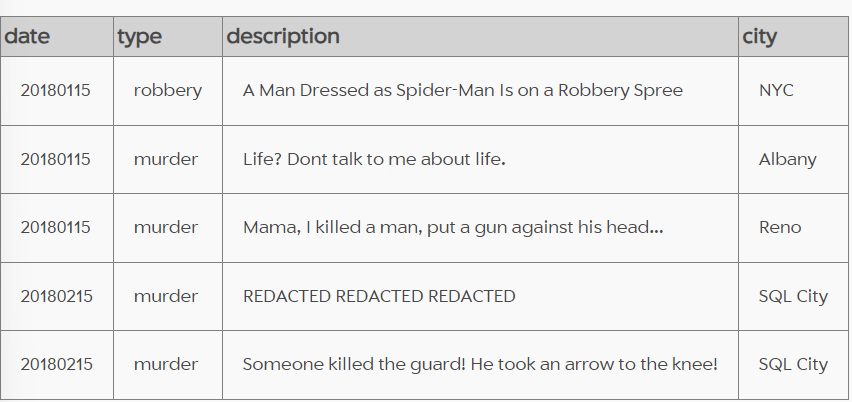
Code 1:

SELECT \*

FROM crime\_scene\_report

LIMIT 5;

Output:



Code 2:

SELECT \*

FROM crime\_scene\_report

WHERE type = "murder";

Code 3:

SELECT \*

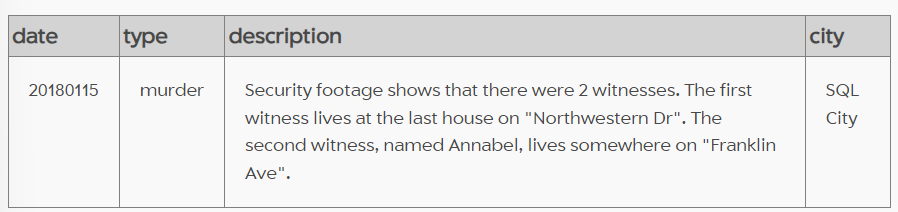
FROM crime\_scene\_report

WHERE type = "murder"

AND date = 20180115

AND city = "SQL City";

Output:



Code 4:

SELECT \*

FROM person

LIMIT 5;

Output:



Code 5:

SELECT \*

FROM person

WHERE address\_street\_name = "Northwestern Dr"

ORDER BY address\_number DESC;

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

Output:

Code 6:

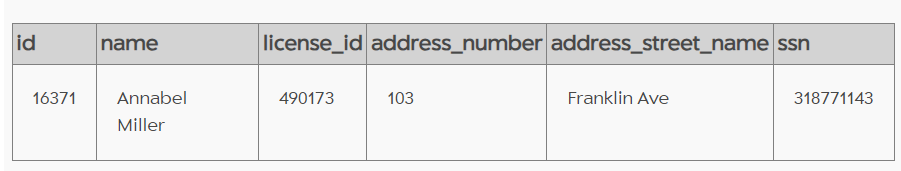
SELECT \*

FROM person

WHERE name LIKE '%Annabel%'

AND address\_street\_name = "Franklin Ave";

Output:



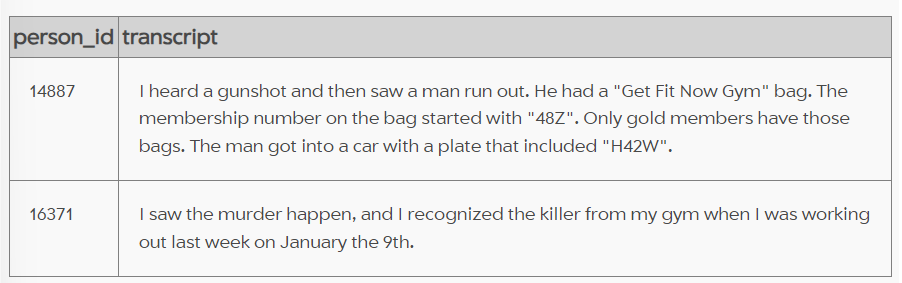
Code 7:

SELECT \*

FROM interview

WHERE person\_id IN ("14887", "16371");

Output:



So, here's our clues:

* Murderer is a man and a member of a gym called "Get Fit Now Gym" and has a gold membership no. starting from "48Z".
* He was working out at the gym on 9th Jan.
* He drives a car with car plate containing "H42W".

Code 8:

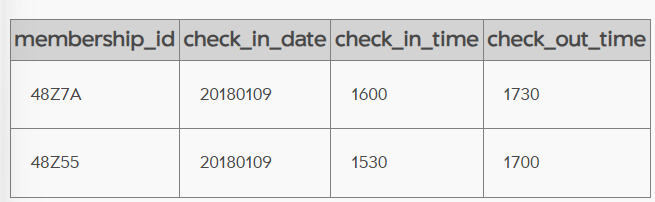
SELECT \*

FROM get\_fit\_now\_check\_in

WHERE membership\_id LIKE '48Z%'

AND check\_in\_date = "20180109";

Output:



Code 9:

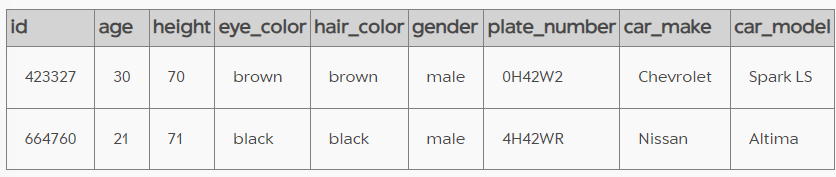
SELECT \*

FROM drivers\_license

WHERE gender = "male"

AND plate\_number LIKE '%H42W%';

Output:



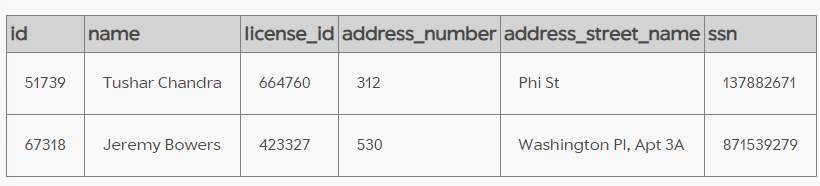
Code 10:

SELECT \*

FROM person

WHERE license\_id IN ("423327", "664760");

Output:



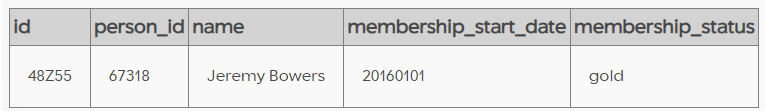
Code 11:

SELECT \*

FROM get\_fit\_now\_member

WHERE person\_id IN ("51739", "67318");

Output:



Jeremy Bowers is the Murderer.

THE FINAL SOLUTION

