

QUERIES

Q1. What is the Name of all the victims ?

```
SELECT NAME  
FROM VICTIM;
```

Q2.What is the Crime of a particular person ?

```
SELECT CASE_TYPE FROM  
COMPLAINT AS C, CRIME AS CR  
WHERE CR.COMPLAINT_NO=C.COMPLAINT_NO AND CR.COMPLAINT_NO=12345678;
```

Q3.When Was the particular Crime took place and where ?

```
SELECT DATE,TIME,PLACE  
FROM COMPLAINT AS C , CRIME AS CR  
WHERE CR.COMPLAINT_NO=C.COMPLAINT_NO AND CR.COMPLAINT_NO=12345677;
```

Q4.Who is the policeman handling the particular case ?

```
SELECT OF.NAME,OFF_NO  
FROM COMPLAINT AS C , OFFICER AS OF  
WHERE C.COMPLAINT_NO=OF.COMPLAINT_NO AND C.COMPLAINT_NO=12345675;
```

Q5.What is the outcome of the particular case ?

```
SELECT *  
FROM COMPLAINT AS C ,OUTCOME AS OUT  
WHERE OUT.COMPLAINT_NO=C.COMPLAINT_NO AND OUT.COMPLAINT_NO=12345678;
```

Q6.What Is the Evidence of the case ?

```
SELECT *  
FROM COMPLAINT AS C ,EVIDENCE AS E  
WHERE C.COMPLAINT_NO=E.ID AND E.ID=12345678;
```

Q7.When did the Investigation start ?

```
SELECT COMPLAINT_NUMBER,DATE_OF_START  
FROM COMPLAINT AS C , INVESTIGATION AS I
```

WHERE I.COMPLAINT_NUMBER=C.COMPLAINT_NO;

Q8.What Is the FIR_NO of the particular complaint ?

SELECT F.COMPLAINT_NO,FIR_NO

FROM COMPLAINT AS C , FIR AS F

WHERE C.COMPLAINT_NO=F.COMPLAINT_NO AND C.COMPLAINT_NO=12345678;

```
C:\Windows\system32\cmd.exe - psql -U postgres postgres
postgres=# \c crime_management;
WARNING: Console code page (437) differs from Windows code page (1252)
8-bit characters might not work correctly. See psql reference
page "Notes for Windows users" for details.
You are now connected to database "crime_management" as user "postgres".
crime_management=# SELECT NAME
crime_management=# FROM VICTIM;
name
-----
JONAS
CARDI
NIKKI
VARUN
(4 rows)

crime_management=# SELECT CASE_TYPE FROM
crime_management=# COMPLAINT AS C , CRIME AS CR
crime_management=# WHERE CR.COMPLAINT_NO=C.COMPLAINT_NO AND CR.COMPLAINT_NO=12345678;
case_type
-----
ROBBERY
(1 row)

crime_management=# SELECT DATE,TIME,PLACE
crime_management=# FROM COMPLAINT AS C , CRIME AS CR
crime_management=# WHERE CR.COMPLAINT_NO=C.COMPLAINT_NO AND CR.COMPLAINT_NO=12345677;
date      | time      | place
-----
2018-06-22 | 18:30:00 | 638 voss,Houston,TX
(1 row)

crime_management=# SELECT OF_NAME,OFF_NO
crime_management=# FROM COMPLAINT AS C , OFFICER AS OF
crime_management=# WHERE C.COMPLAINT_NO=OF.COMPLAINT_NO AND C.COMPLAINT_NO=12345675;
name      | off_no
-----
SUSAN     | 0004
(1 row)

crime_management=# SELECT *
crime_management=# FROM COMPLAINT AS C ,OUTCOME AS OUT
crime_management=# WHERE OUT.COMPLAINT_NO=C.COMPLAINT_NO AND OUT.COMPLAINT_NO=12345678;
name      | complaint_no | type      | description              | status              | complaint_no
-----
JAVANTH   | 12345678    | ROBBERY   | STUFFS BEEN STOLEN FROM HOME | UNDER INVESTIGATION | 12345678
(1 row)

C:\Windows\system32\cmd.exe - psql -U postgres postgres
postgres=# \c crime_management;
crime_management=# FROM COMPLAINT AS C , OFFICER AS OF
crime_management=# WHERE C.COMPLAINT_NO=OF.COMPLAINT_NO AND C.COMPLAINT_NO=12345675;
name      | off_no
-----
SUSAN     | 0004
(1 row)

crime_management=# SELECT *
crime_management=# FROM COMPLAINT AS C ,OUTCOME AS OUT
crime_management=# WHERE OUT.COMPLAINT_NO=C.COMPLAINT_NO AND OUT.COMPLAINT_NO=12345678;
name      | complaint_no | type      | description              | status              | complaint_no
-----
JAVANTH   | 12345678    | ROBBERY   | STUFFS BEEN STOLEN FROM HOME | UNDER INVESTIGATION | 12345678
(1 row)

crime_management=# SELECT *
crime_management=# FROM COMPLAINT AS C ,EVIDENCE AS E
crime_management=# WHERE C.COMPLAINT_NO=E.ID AND E.ID=12345678;
name      | complaint_no | type      | description              | id      | type      | description              | place
-----
JAVANTH   | 12345678    | ROBBERY   | STUFFS BEEN STOLEN FROM HOME | 12345678 | ROBBERY   | VICTIM PHONE RECORDS |
(1 row)

crime_management=# SELECT COMPLAINT_NUMBER,DATE_OF_START
crime_management=# FROM COMPLAINT AS C , INVESTIGATION AS I
crime_management=# WHERE I.COMPLAINT_NUMBER=C.COMPLAINT_NO;
complaint_number | date_of_start
-----
12345678         | 2018-05-22
12345677         | 2018-06-22
12345676         | 2018-07-22
12345675         | 2018-04-22
(4 rows)

crime_management=# SELECT F.COMPLAINT_NO,FIR_NO
crime_management=# FROM COMPLAINT AS C , FIR AS F
crime_management=# WHERE C.COMPLAINT_NO=F.COMPLAINT_NO AND C.COMPLAINT_NO=12345678;
complaint_no | fir_no
-----
12345678     | 12345
(1 row)

crime_management=#
```

```
C:\Windows\system32\cmd.exe - psql -U postgres postgres
postgres=# \c crime_management;
crime_management=# FROM COMPLAINT AS C , OFFICER AS OF
crime_management=# WHERE C.COMPLAINT_NO=OF.COMPLAINT_NO AND C.COMPLAINT_NO=12345675;
name      | off_no
-----
SUSAN     | 0004
(1 row)

crime_management=# SELECT *
crime_management=# FROM COMPLAINT AS C ,OUTCOME AS OUT
crime_management=# WHERE OUT.COMPLAINT_NO=C.COMPLAINT_NO AND OUT.COMPLAINT_NO=12345678;
name      | complaint_no | type      | description              | status              | complaint_no
-----
JAVANTH   | 12345678    | ROBBERY   | STUFFS BEEN STOLEN FROM HOME | UNDER INVESTIGATION | 12345678
(1 row)

crime_management=# SELECT *
crime_management=# FROM COMPLAINT AS C ,EVIDENCE AS E
crime_management=# WHERE C.COMPLAINT_NO=E.ID AND E.ID=12345678;
name      | complaint_no | type      | description              | id      | type      | description              | place
-----
JAVANTH   | 12345678    | ROBBERY   | STUFFS BEEN STOLEN FROM HOME | 12345678 | ROBBERY   | VICTIM PHONE RECORDS |
(1 row)

crime_management=# SELECT COMPLAINT_NUMBER,DATE_OF_START
crime_management=# FROM COMPLAINT AS C , INVESTIGATION AS I
crime_management=# WHERE I.COMPLAINT_NUMBER=C.COMPLAINT_NO;
complaint_number | date_of_start
-----
12345678         | 2018-05-22
12345677         | 2018-06-22
12345676         | 2018-07-22
12345675         | 2018-04-22
(4 rows)

crime_management=# SELECT F.COMPLAINT_NO,FIR_NO
crime_management=# FROM COMPLAINT AS C , FIR AS F
crime_management=# WHERE C.COMPLAINT_NO=F.COMPLAINT_NO AND C.COMPLAINT_NO=12345678;
complaint_no | fir_no
-----
12345678     | 12345
(1 row)

crime_management=#
```

