



AMERICAN INTERNATIONAL UNIVERSITY–BANGLADESH (AIUB)
FACULTY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Spring 2022-2023

INTRODUCTION TO DATABASE

SECTION: C
GROUP: 07

PROJECT TITLE: POLICE STATION MANAGEMENT SYSTEM

SUBMITTED TO
Nyme Ahmed

| NAME | ID | CONTRIBUTION |
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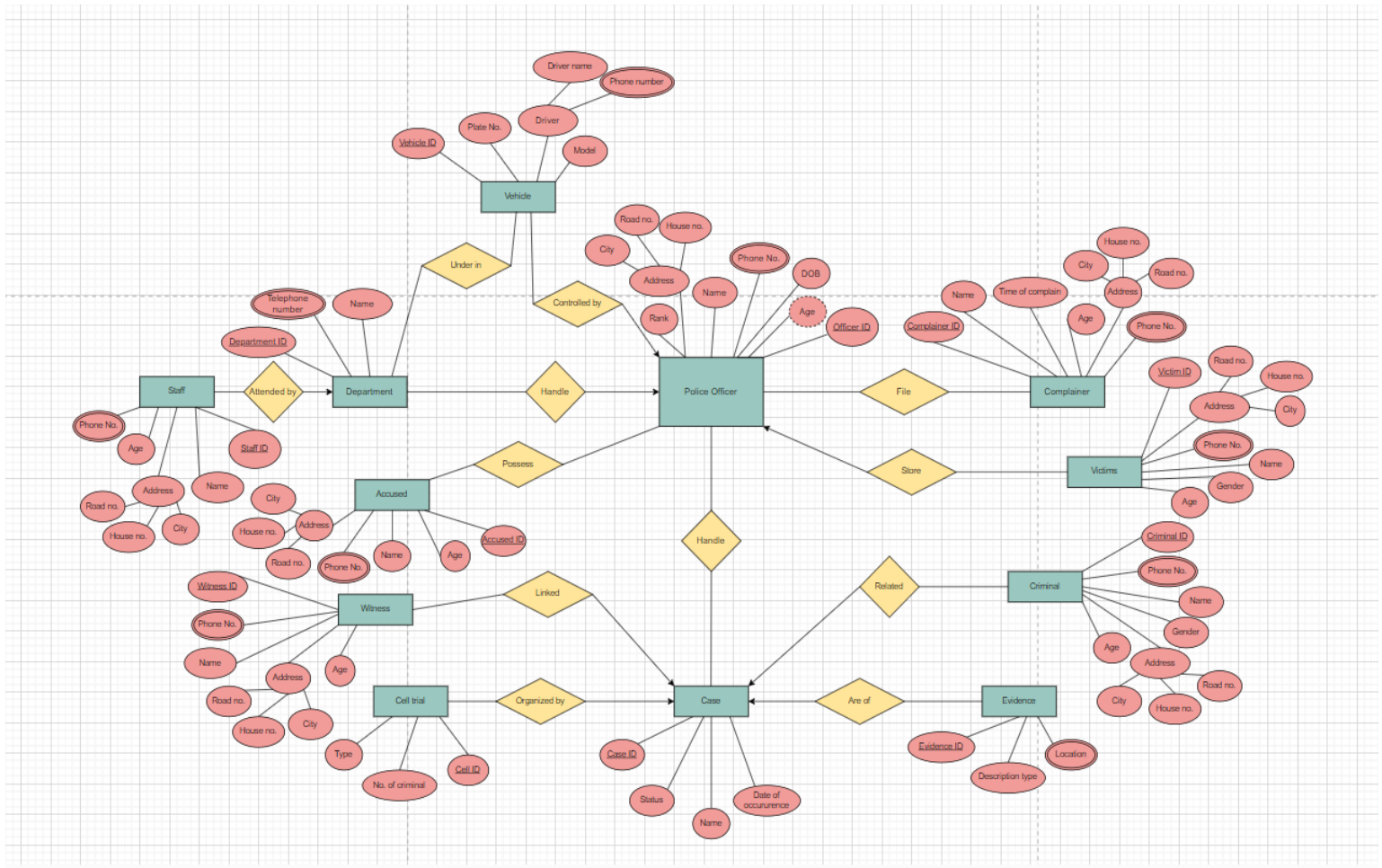
INTRODUCTION:

The Police Station Management System is an integrated and automated solution designed to assist law enforcement agencies in managing their day-to-day operations. This system provides the tools necessary to help officers manage cases, evidence, accused, and other important data. The system streamlines processes and ensures that officers have all the information they need at their fingertips. The Police Station Management System provides a user-friendly interface that is easy to navigate, making it an excellent choice for small, medium, and large police departments. The system offers comprehensive features such as case management, evidence management, and suspect management. With the Police Station Management System, police departments can quickly and easily access the data they need to solve crimes and bring criminals to justice. The system is designed to be scalable, making it easy for departments to expand their capabilities as needed. Overall, the Police Station Management System is an essential tool for law enforcement agencies looking to improve their efficiency, productivity, and effectiveness. By providing officers with the tools, they need to do their job, this system can help make communities safer and more secure.

SCENARIO DESCRIPTION:

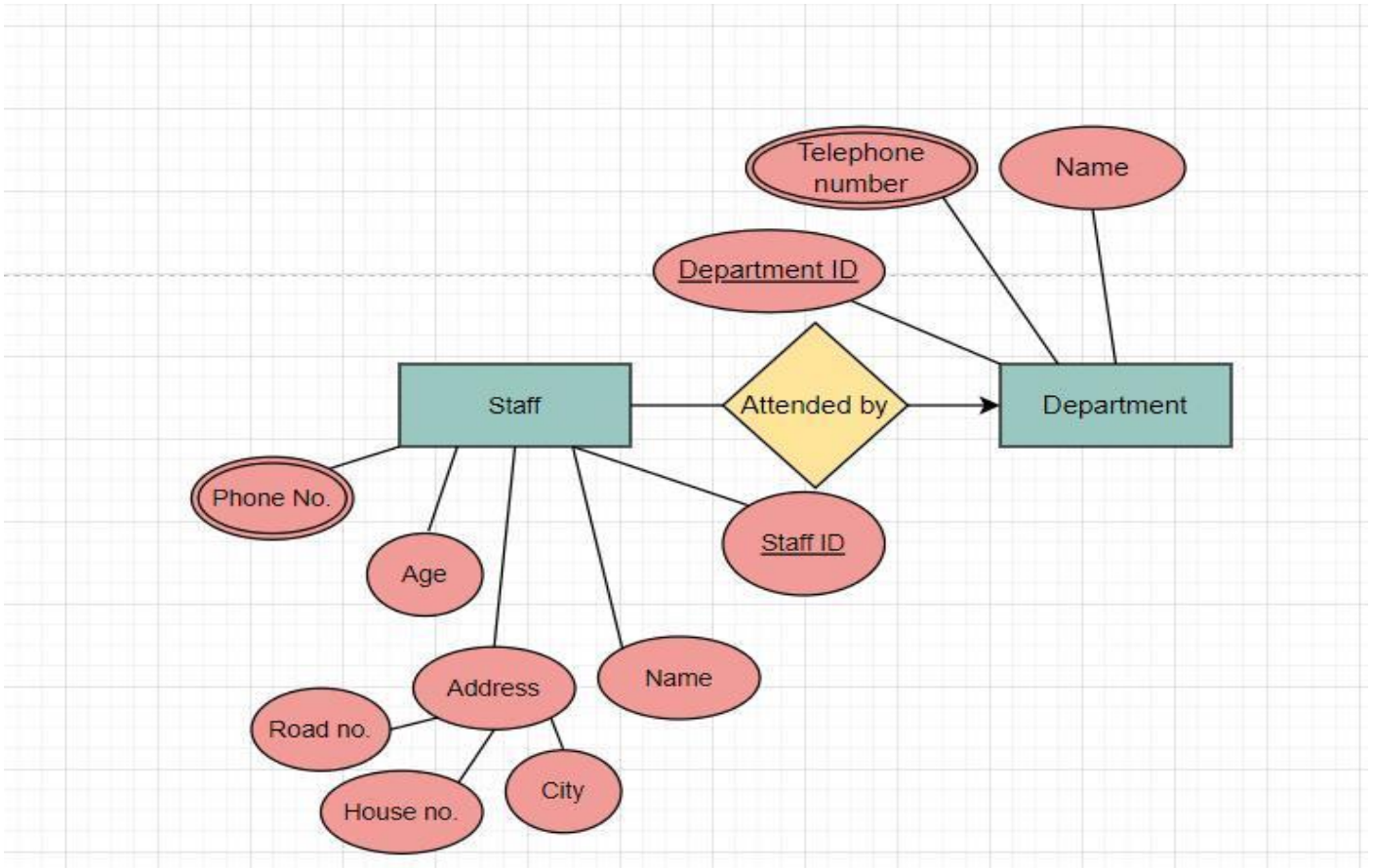
In a police station management system database, there are few departments. These departments have unique ID, name, and telephone number. There are police officers who are engaged in different departments in the police station. Many departments may have one police officer. The officers have their own ID, name, DOB, phone number, rank, and address. In address there can be included city, road no and house no. In the police station, authorities have complainers of cases. Complainers file their complaints to the police officers. One complainer can file complaints to one to more police officers. An officer may have one or more complainers. Complainers have their own ID, name, age, time of complaint, address, phone no. Address may include city, road no and house no. Authorities have case files which have case ID, case name, date of occurrence, case status. These cases are handled by many police officers. In a police station database, there are criminals related to certain cases and victims' information stored to officers. One case may have many criminals. Many victims store their information to one police officer. Criminals and victims both have their own ID, name, age, gender, phone number and address. The driver has a name and phone number. One case may have many witnesses. There are accused of different cases whose information are in possession of police officers. They also have their own ID, name, address, age, phone no. Address have city, road no and house no. Many officers can accuse many persons. In a police station, there is evidence stored of different cases. One case has many evidence. This evidence has ID, description type, location of where found. The police station is attended by many staff for different jobs like driving, cleaning, infrastructure, errands etc. So, the staff have their ID, name, age, phone number and living address. The address contains city, road no, house no. There are many stuffs under one department. Police stations have cell trials. They are organized by their cell id, cell type, number of criminals containing criminals of certain cases. There may be many cell trials under one case. In police station, vehicles are controlled police officers under different departments. Vehicles have ID, plate number, model, and driver. The driver has a name and phone number. One police officer may control many vehicles. All the IDs here are unique.

ER- DIAGRAM:



NORMALIZATION:

Attended By



Relation: Many to One

UNF: Staff ID, Staff_Name, age, Phone_No, House_No, Road_No, City, Department ID, Department_Name, Telephone_Number.

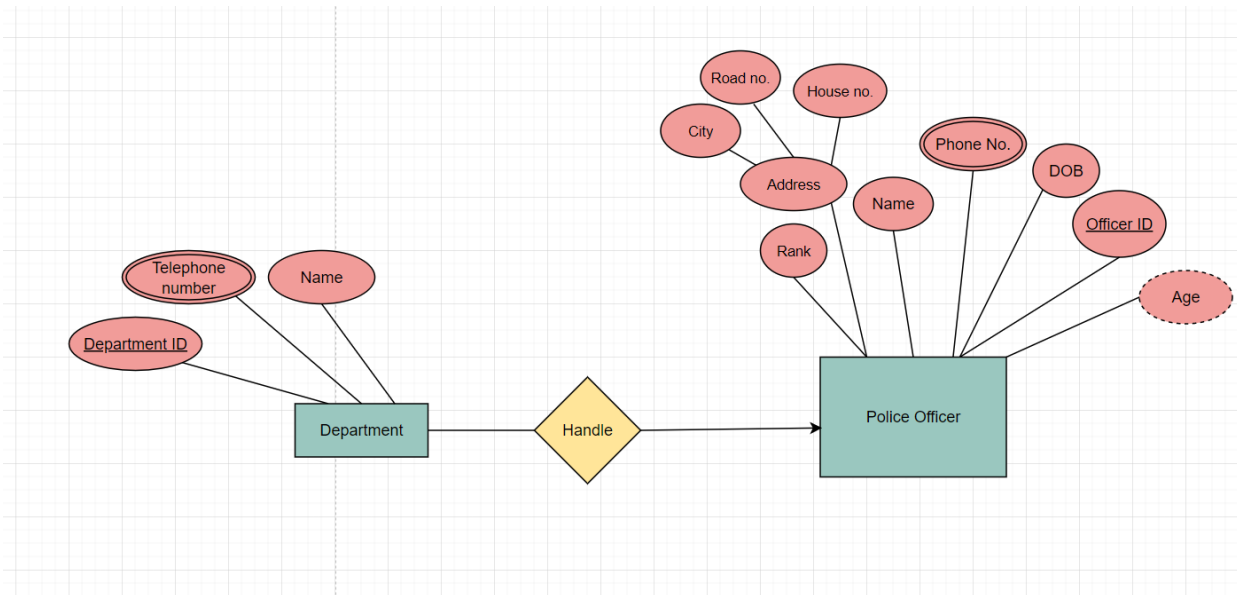
1NF: Multivalued - Phone_No, Telephone_Number.
Staff ID, Staff_Name, age, House_No, Road_No, City, Department ID, Department_Name.

2NF: 1. Staff ID, Phone_No.
2. Department ID, Telephone_Number.
3. Staff ID, Staff_Name, age, House_No, Road_No, City, Department_ID.
4. Department ID, Department_Name.

3NF: 1. Staff ID, House_No, Road_No, City.
2. Staff ID, Phone_No.
3. Department ID, Telephone_Number.
4. Staff ID, Staff_Name, age, Department_ID.

5. Department ID, Department_Name.

Handle



Relation: Many to One

UNF: Department ID, Department_Name, Telephone_Number, Officer ID, Officer_Name, Rank, DOB, Age, Phone_No, House_No, Road_No, City.

1NF: multivalued - Telephone_Number, Phone_No.

Department ID, Department_Name, Officer ID, Officer_Name, Rank, DOB, Age, House_No, Road_No, City.

2NF: 1. Department ID, Telephone_Number.

2. Officer ID, Phone_No.

3. Department ID, Department_Name, Officer ID.

4. Officer ID, Officer_Name, Rank, DOB, Age, House_No, Road_No, City.

3NF: 1. Officer ID, House_No, Road_No, City.

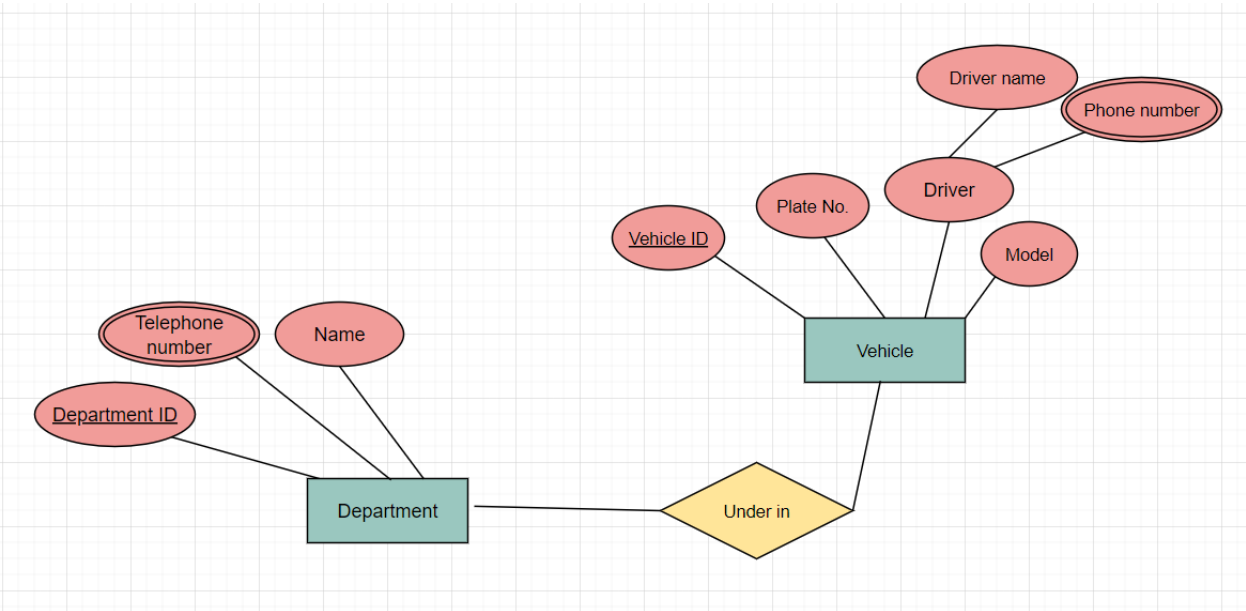
2. Department ID, Telephone_Number.

3. Officer ID, Phone_No.

4. Department ID, Department_Name, Officer ID

5. Officer ID, Officer_Name, Rank, DOB, Age.

Under In



Relation: Many to Many

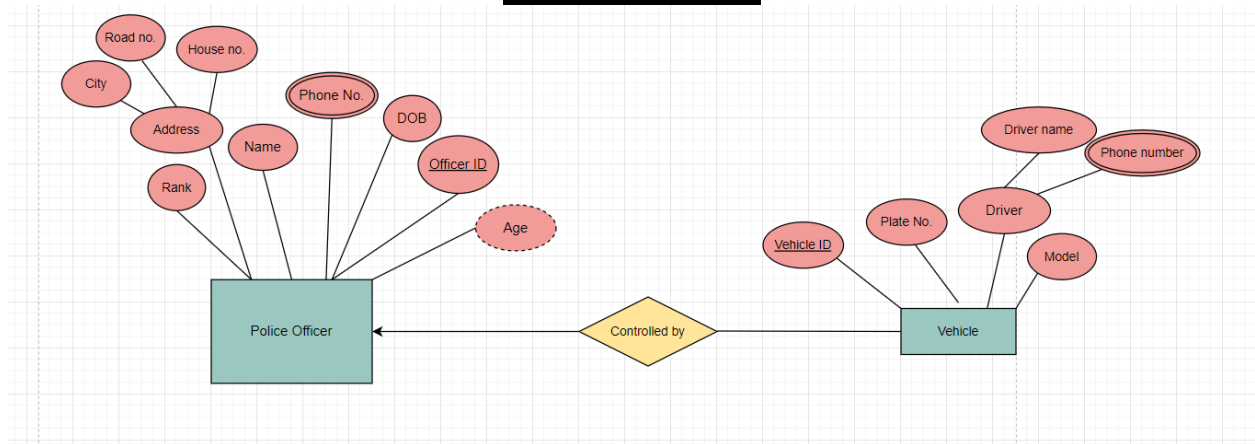
UNF: Department ID, Department_Name, Telephone_Number, Vehicle ID, Plate_No, Model, Driver_Name, Phone_Number.

1NF: multivalued - Telephone_Number, Phone_Number.
Department ID, Department_Name, Vehicle ID, Plate_No, Model, Driver_Name.

2NF: 1. Department ID, Telephone_Number.
2. Vehicle ID, Phone_Number.
3. Department ID, Department_Name.
4. Vehicle ID, Plate_No, Model, Driver_Name, Department ID.

3NF: 1. Vehicle ID, Driver_Name.
2. Department ID, Telephone_Number.
3. Vehicle ID, Phone_Number.
4. Department ID, Department_Name.
5. Vehicle ID, Plate_No, Model, Driver_Name, Department ID.

Controlled By



Relation: One to Many

UNF: Officer ID, Officer_Name, Rank, DOB, Age, Phone_No, House_No, Road_No, City, Vehicle ID, Plate_No, Model, Driver_Name, Phone_Number.

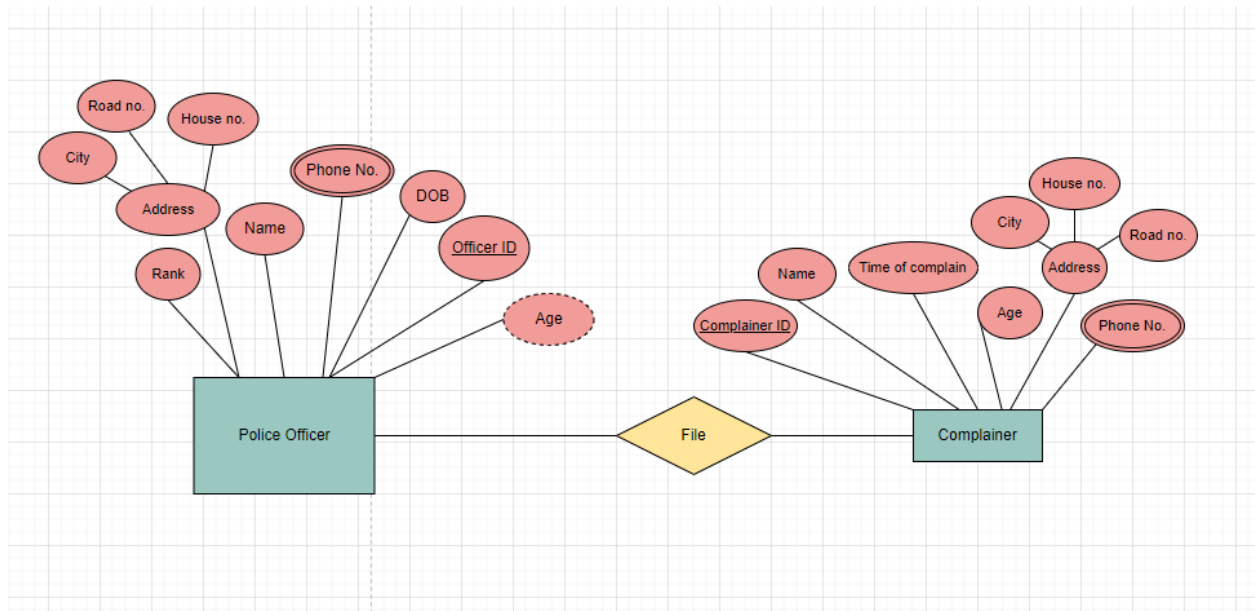
1NF: Multivalued – Phone_No, Phone_Number.

Officer ID, Officer_Name, Rank, DOB, Age, House_No, Road_No, City, , Vehicle ID, Plate_No, Model, Driver_Name.

- 2NF:**
1. Officer ID, Phone_No.
 2. Vehicle ID, Phone_Number.
 3. Officer ID, Officer_Name, Rank, DOB, Age, House_No, Road_No, City.
 4. Vehicle ID, Plate_No, Model, Driver_Name, Officer ID.

- 3NF:**
1. Officer ID, House_No, Road_No, City.
 2. Officer ID, Phone_No.
 3. Vehicle ID, Phone_Number.
 4. Officer ID, Officer_Name, Rank, DOB, Age.
 5. Vehicle ID, Plate_No, Model, Driver_Name, Officer ID.

File



Relation: Many to Many

UNF: Officer_ID, Officer_Name, Rank, DOB, Age, Phone_No, House_No, Road_No, City, Complainer_ID, Complainer_Name, Time of complain, Age, Phone_No, House_No, Road_No, City.

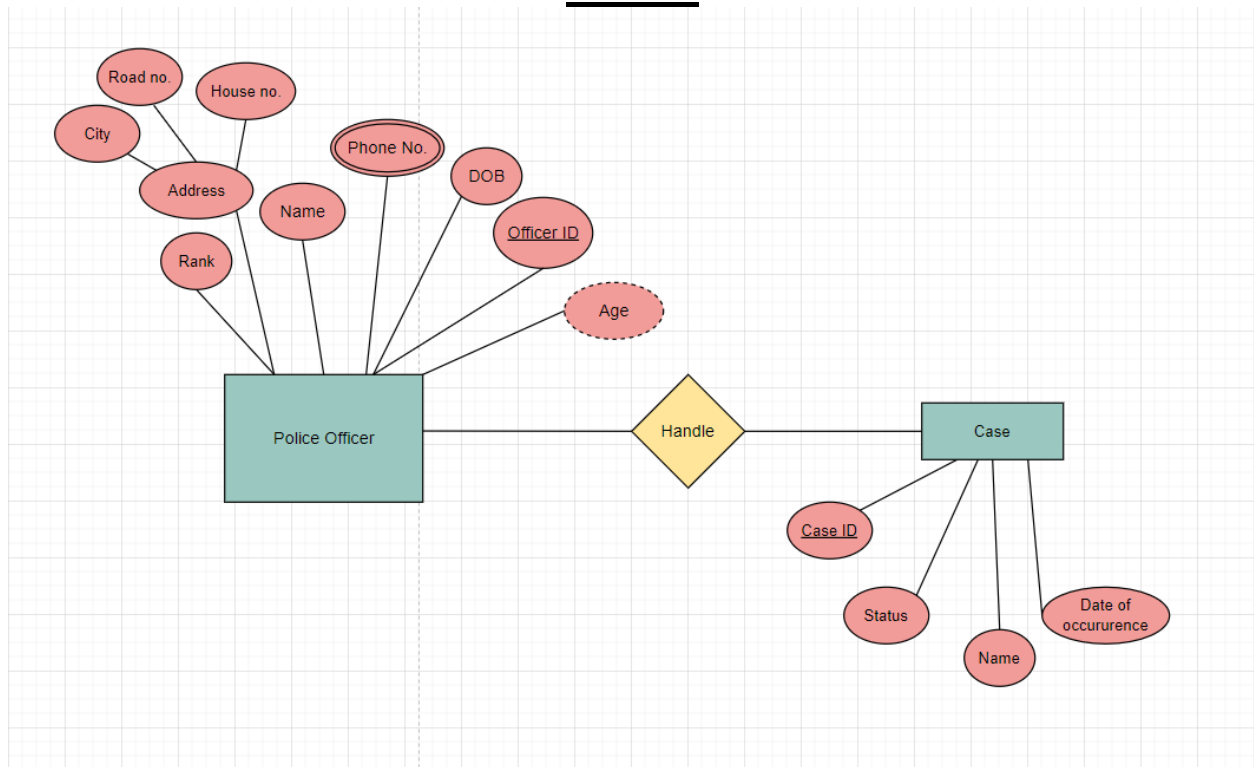
1NF: Multivalued – Phone_No, Phone_No.

Officer_ID, Officer_Name, Rank, DOB, Age, House_No, Road_No, City, Complainer_ID, Complainer_Name, Time of complain, Age, House_No, Road_No, City.

- 2NF:**
1. Officer_ID, Phone_No.
 2. Complainer_ID, Phone_No.
 3. Officer_ID, Officer_Name, Rank, DOB, Age, House_No, Road_No, City, Complainer_ID.
 4. Complainer_ID, Complainer_Name, Time of complain, Age, House_No, Road_No, City.

- 3NF:**
1. Officer_ID, House_No, Road_No, City.
 2. Complainer_ID, House_No, Road_No, City.
 3. Officer_ID, Phone_No.
 4. Complainer_ID, Phone_No.
 5. Officer_ID, Officer_Name, Rank, DOB, Age, Complainer_ID.
 6. Complainer_ID, Complainer_Name, Time of Complain, Age.

Handle



Relation: Many to Many

UNF: Officer ID, Officer_Name, Rank, DOB, Age, Phone_No, House_No, Road_No, City, Case ID, Case_Name, Status, Date of occurrence.

1NF: Multivalued – Phone_No.

Officer ID, Officer_Name, Rank, DOB, Age, House_No, Road_No, City, Case ID, Case_Name, Status, Date of occurrence.

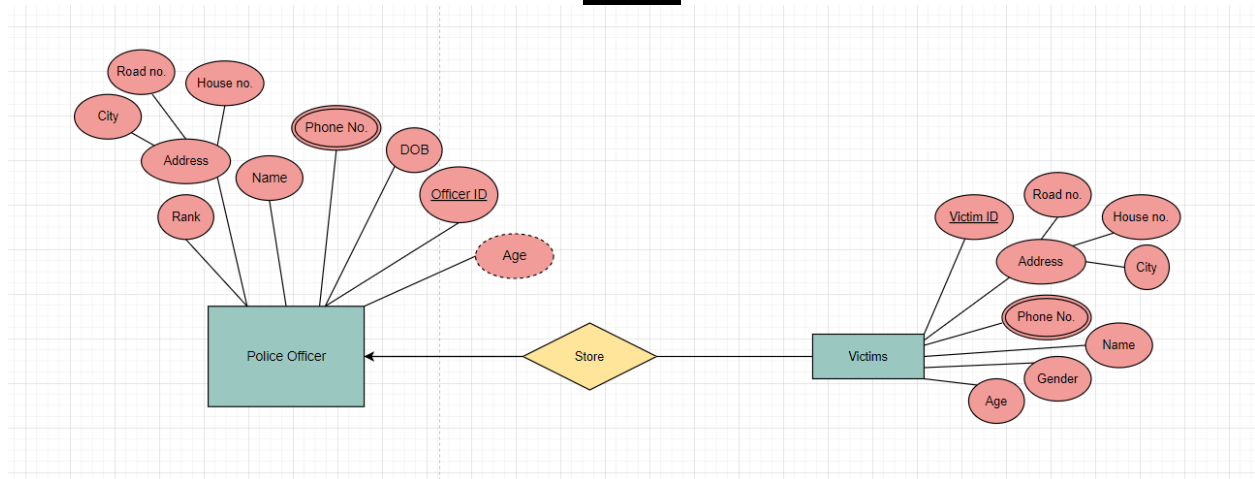
2NF:

1. Officer ID, Phone_No.
2. Officer ID, Officer_Name, Rank, DOB, Age, House_No, Road_No, City, Case ID.
3. Case ID, Case_Name, Status, Date of occurrence.

3NF:

1. Officer ID, House_No, Road_No, City.
2. Officer ID, Phone_No.
3. Officer ID, Officer_Name, Rank, DOB, Age, Case ID.
4. Case ID, Case_Name, Status, Date of occurrence.

Store



Relation: One to Many

UNF: Officer ID, Officer_Name, Rank, DOB, Age, Phone_No, House_No, Road_No, City, Victim_ID, Victim_Name, Victim_Gender, Age, Phone_No, House_No, Road_No, City.

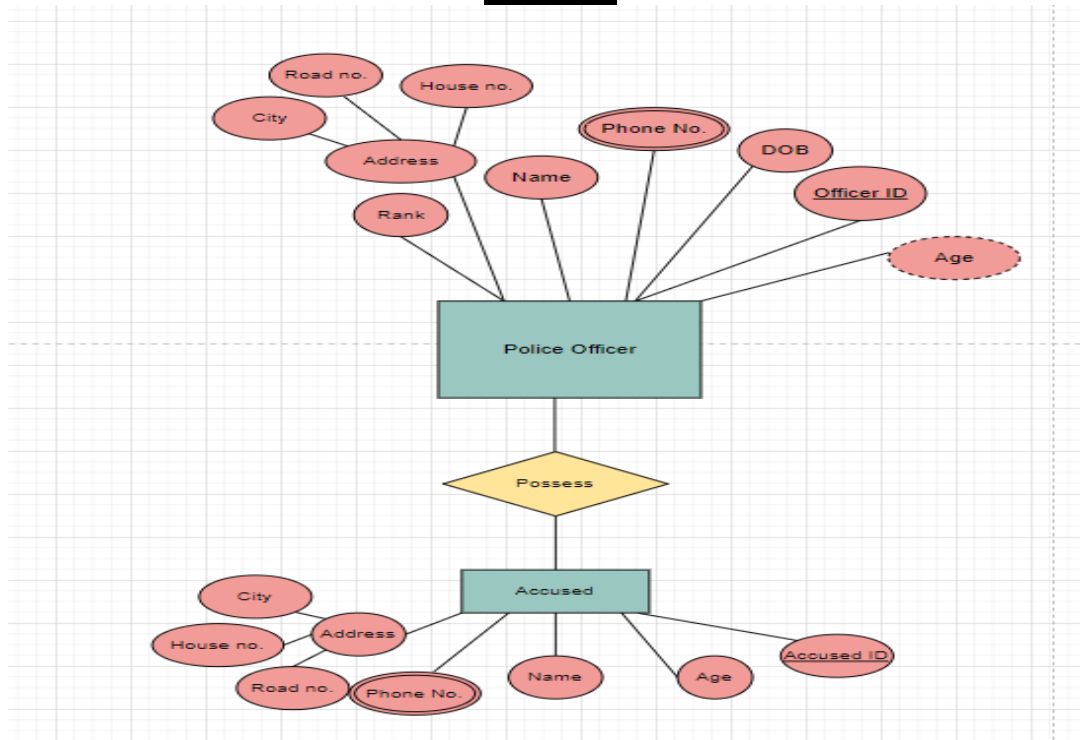
1NF: Multivalued – Phone_No, Phone_No.

Officer ID, Officer_Name, Rank, DOB, Age, House_No, Road_No, City, Victim_ID, Victim_Name, Victim_Gender, Age, House_No, Road_No, City.

- 2NF:**
1. Officer ID, Phone_No.
 2. Victim_ID, Phone_No.
 3. Officer ID, Officer_Name, Rank, DOB, Age, House_No, Road_No, City.
 4. Victim_ID, Victim_Name, Victim_Gender, Age, House_No, Road_No, City, Officer ID

- 3NF:**
1. Officer ID, House_No, Road_No, City.
 2. Victim ID, House_No, Road_No, City.
 3. Officer ID, Phone_No.
 4. Victim_ID, Phone_No.
 5. Officer ID, Officer_Name, Rank, DOB, Age.
 6. Victim ID, Victim_Name, Victim_Gender, Age, Officer ID.

Possess



Relation: Many to Many

UNF: Officer ID, Officer_Name, Rank, DOB, Age, Phone_No, House_No, Road_No, City, Accused ID, Name, Age, Phone_No, House_No, Road_No, City.

1NF: Multivalued – Phone_No, Phone_No.
Officer ID, Officer_Name, Rank, DOB, Age, House_No, Road_No, City, Accused ID, Name, Age, Phone_No, House_No, Road_No, City.

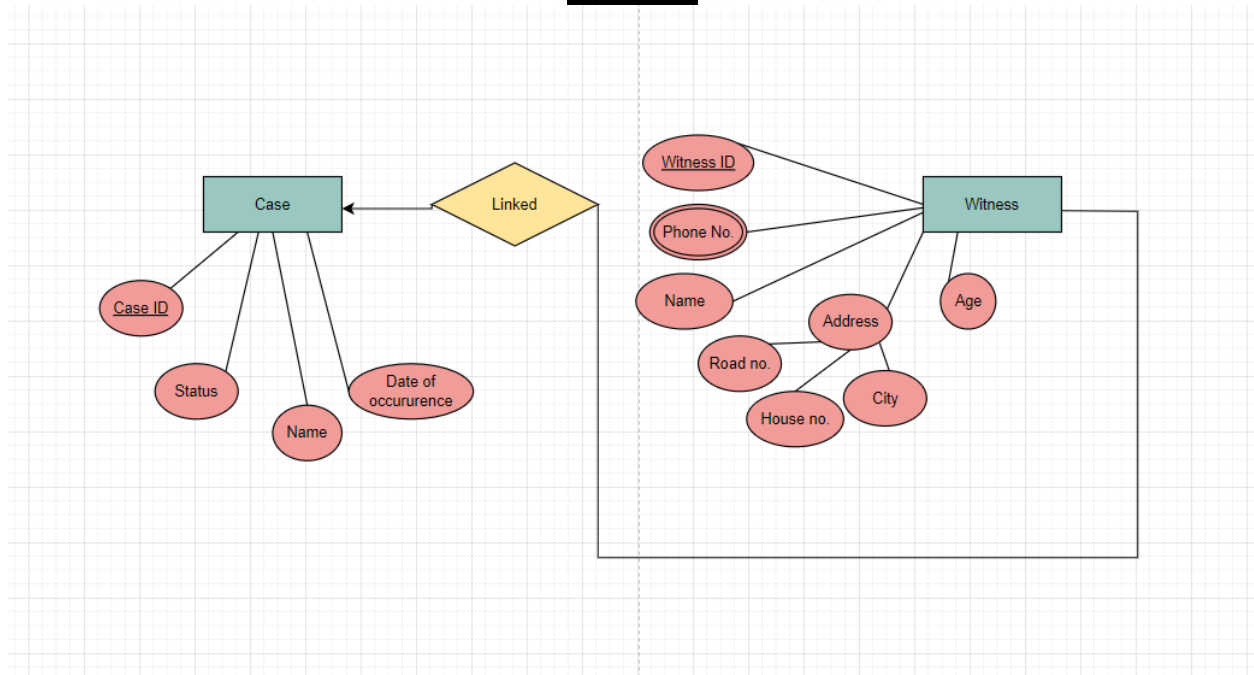
2NF:

1. Officer ID, Phone_No.
2. Accused ID, Phone_No.
3. Officer ID, Officer_Name, Rank, DOB, Age, House_No, Road_No, City.
4. Accused ID, Name, Age, House_No, Road_No, City, Officer ID

3NF:

1. Officer ID, House_No, Road_No, City.
2. Accused ID, House_No, Road_No, City.
3. Officer ID, Phone_No.
4. Victim_ID, Phone_No.
5. Officer ID, Officer_Name, Rank, DOB, Age.
6. Accused ID, Name, Age, Officer ID.

Linked



Relation: One to Many

UNF: Case_ID, Case_Name, Status, Date of occurrence, Witness_ID, Name, Age, Phone_No, House_No, Road_No, City.

1NF: Multivalued – Phone_No.

Case_ID, Case_Name, Status, Date of occurrence, Witness_ID, Name, Age, Phone_No, House_No, Road_No, City

2NF: 1. Witness_ID, Phone_No.

2. Case_ID, Case_Name, Status, Date of occurrence.

3. Witness_ID, Name, Age, House_No, Road_No, City, Case_ID.

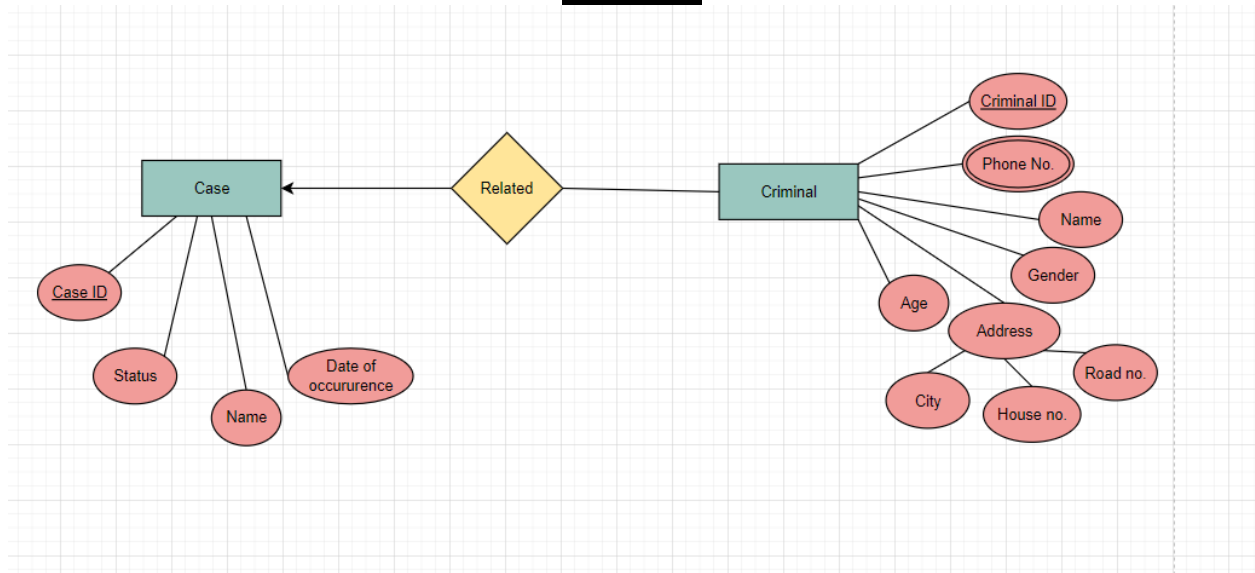
3NF: 1. Witness_ID, House_No, Road_No, City.

2. Witness_ID, Phone_No.

3. Case_ID, Case_Name, Status, Date of occurrence.

4. Witness_ID, Name, Age, Case_ID.

Related



Relation: One to Many

UNF: Case_ID, Case_Name, Status, Date of occurrence, Criminal_ID, Name, Gender, Age, Phone_No, House_No, Road_No, City.

1NF: Multivalued – Phone_No.

Case_ID, Case_Name, Status, Date of occurrence, Criminal_ID, Name, Gender, Age, Phone_No, House_No, Road_No, City.

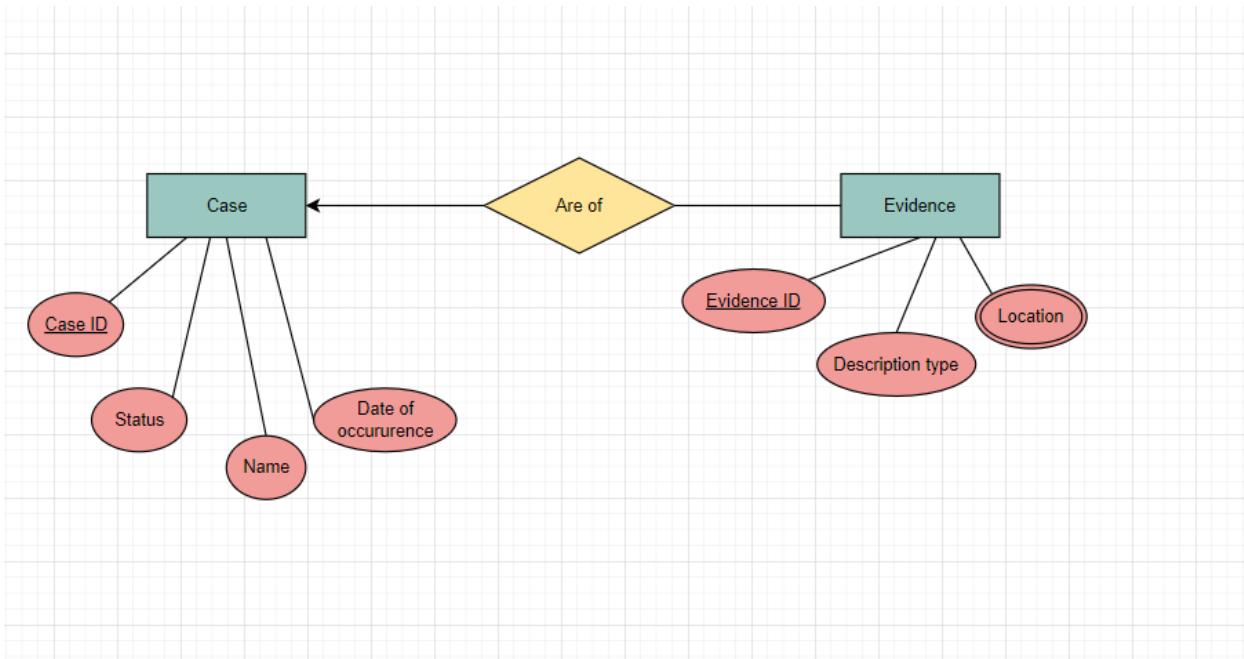
2NF:

1. Criminal_ID, Phone_No.
2. Case_ID, Case_Name, Status, Date of occurrence.
3. Criminal_ID, Name, Gender, Age, House_No, Road_No, City, Case_ID.

3NF:

1. Criminal_ID, House_No, Road_No, City.
2. Criminal_ID, Phone_No.
3. Case_ID, Case_Name, Status, Date of occurrence.
4. Witness_ID, Name, Gender, Age, Case_ID.

Are of



Relation: One to Many

UNF: Case ID, Case_Name, Status, Date of occurrence, Evidence ID, Description type, Location.

1NF: Multivalued – Location.

Case ID, Case_Name, Status, Date of occurrence, Evidence ID, Description type.

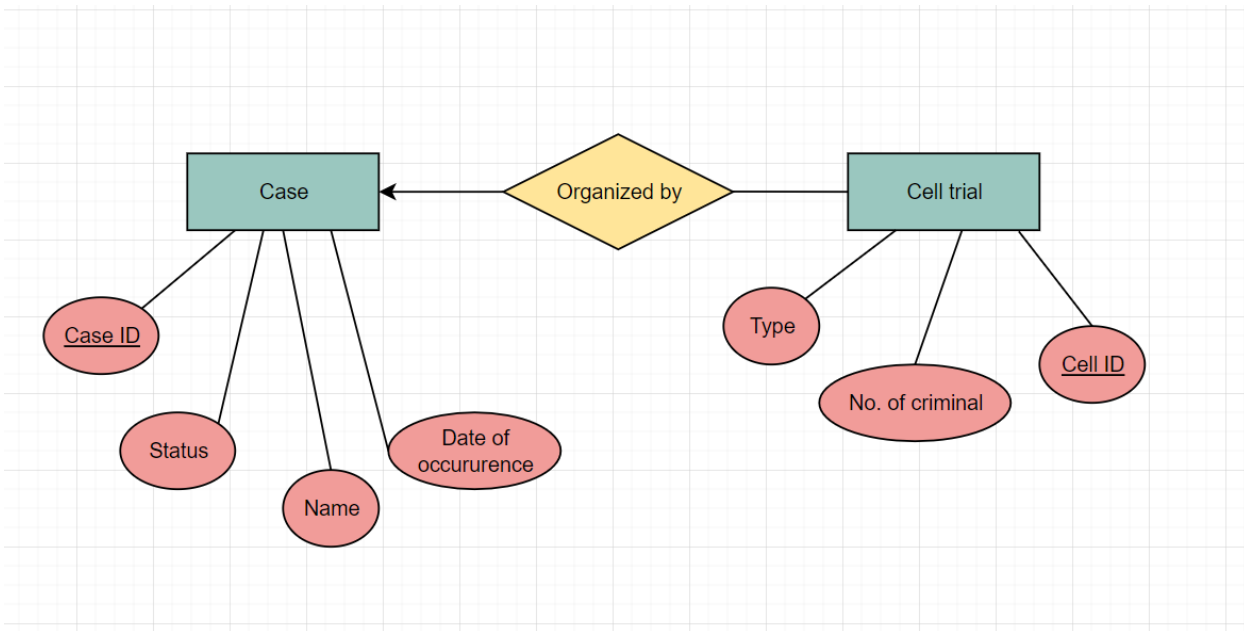
2NF:

1. Evidence ID, Location.
2. Case ID, Case_Name, Status, Date of occurrence.
3. Evidence ID, Description type, Case ID.

3NF:

1. Evidence ID, Location.
2. Case ID, Case_Name, Status, Date of occurrence.
3. Evidence ID, Description type, Case ID.

Organized By



Relation: One to Many

UNF: Case ID, Case_Name, Status, Date of occurrence, Cell ID, Type, No_of_Criminal.

1NF: Multivalued – Null.

Case ID, Case_Name, Status, Date of occurrence, Cell ID, Type, No_of_criminal.

2NF: 1. Case ID, Case_Name, Status, Date of occurrence.

2. Cell ID, Type, No_of_criminal, Case ID.

3NF: 1. Case ID, Case_Name, Status, Date of occurrence.

2. Cell ID, Type, No_of_criminal, Case ID.

Tables:

1. Staff_ID, House_No, Road_No, City.
2. Staff_ID, Phone_No.
3. Department_ID, Telephone_Number.
4. Staff_ID, Staff_Name, age, Department_ID.
5. Department_ID, Department_Name.
6. Officer_ID, House_No, Road_No, City.
7. Department_ID, Telephone_Number.
8. Officer_ID, Phone_No.
9. Department_ID, Department_Name, Officer_ID
10. Officer_ID, Officer_Name, Rank, DOB, Age.
11. Vehicle_ID, Driver_Name.
12. Department_ID, Telephone_Number.
13. Vehicle_ID, Phone_Number.
14. Department_ID, Department_Name.
15. Vehicle_ID, Plate_No, Model, Driver_Name, Department_ID.
16. Officer_ID, House_No, Road_No, City.
17. Officer_ID, Phone_No.
18. Vehicle_ID, Phone_Number.
19. Officer_ID, Officer_Name, Rank, DOB, Age.
20. Vehicle_ID, Plate_No, Model, Driver_Name, Officer_ID.
21. Officer_ID, House_No, Road_No, City.
22. Complainer_ID, House_No, Road_No, City.
23. Officer_ID, Phone_No.
24. Complainer_ID, Phone_No.
25. Officer_ID, Officer_Name, Rank, DOB, Age, Complainer_ID.
26. Complainer_ID, Complainer_Name, Time of Complain, Age.
27. Officer_ID, House_No, Road_No, City.
28. Officer_ID, Phone_No.
29. Officer_ID, Officer_Name, Rank, DOB, Age, Case_ID.
30. Case_ID, Case_Name, Status, Date of occurrence.
31. Officer_ID, House_No, Road_No, City.
32. Victim_ID, House_No, Road_No, City.
33. Officer_ID, Phone_No.
34. Victim_ID, Phone_No.
35. Officer_ID, Officer_Name, Rank, DOB, Age.
36. Victim_ID, Victim_Name, Victim_Gender, Age, Officer_ID.
37. Officer_ID, House_No, Road_No, City.
38. Accused_ID, House_No, Road_No, City.
39. Officer_ID, Phone_No.
40. Victim_ID, Phone_No.
41. Officer_ID, Officer_Name, Rank, DOB, Age.
42. Accused_ID, Name, Age, Officer_ID
43. Witness_ID, House_No, Road_No, City.
44. Witness_ID, Phone_No.
45. Case_ID, Case_Name, Status, Date of occurrence.
46. Witness_ID, Name, Age, Case_ID.

47. Criminal_ID, House_No, Road_No, City.
48. Criminal_ID, Phone_No.
49. Case_ID, Case_Name, Status, Date of occurrence.
50. Witness_ID, Name, Gender, Age, Case_ID.
51. Evidence_ID, Location.
52. Case_ID, Case_Name, Status, Date of occurrence.
53. Evidence_ID, Description type, Case_ID.
54. Case_ID, Case_Name, Status, Date of occurrence.
55. Cell_ID, Type, No_of_criminal, Case_ID.

Optimized Tables:

1. Staff_ID, Address_ID.
2. Staff_ID, Phone_No.
3. Department_ID, Telephone_Number.
4. Staff_ID, Staff_Name, age, Department_ID.
5. ~~Department_ID, Department_Name.~~
6. Officer_ID, Address_ID.
7. ~~Department_ID, Telephone_Number.~~
8. Officer_ID, Phone_No.
9. Department_ID, Department_Name, Officer_ID
10. ~~Officer_ID, Officer_Name, Rank, DOB, Age.~~
11. ~~Vehicle_ID, Driver_Name.~~
12. ~~Department_ID, Telephone_Number.~~
13. Vehicle_ID, Phone_Number.
14. ~~Department_ID, Department_Name.~~
15. Vehicle_ID, Plate_No, Model, Driver_Name, Department_ID.
16. ~~Officer_ID, House_No, Road_No, City.~~
17. ~~Officer_ID, Phone_No.~~
18. ~~Vehicle_ID, Phone_Number.~~
19. ~~Officer_ID, Officer_Name, Rank, DOB, Age.~~
20. Vehicle_ID, Plate_No, Model, Driver_Name, Officer_ID.
21. ~~Officer_ID, House_No, Road_No, City.~~
22. Complainer_ID, Address_ID.
23. ~~Officer_ID, Phone_No.~~
24. Complainer_ID, Phone_No.
25. Officer_ID, Officer_Name, Rank, DOB, Age, Complainer_ID.
26. Complainer_ID, Complainer_Name, Time of Complain, Age.
27. ~~Officer_ID, House_No, Road_No, City.~~
28. ~~Officer_ID, Phone_No.~~
29. Officer_ID, Officer_Name, Rank, DOB, Age, Case_ID.
30. Case_ID, Case_Name, Status, Date of occurrence.
31. ~~Officer_ID, House_No, Road_No, City.~~
32. Victim_ID, Address_ID.
33. ~~Officer_ID, Phone_No.~~
34. Victim_ID, Phone_No.

~~35. Officer_ID, Officer_Name, Rank, DOB, Age.~~
~~36. Victim_ID, Victim_Name, Victim_Gender, Age, Officer_ID.~~
~~37. Officer_ID, House_No, Road_No, City.~~
~~38. Accused_ID, Address_ID.~~
~~39. Officer_ID, Phone_No.~~
~~40. Victim_ID, Phone_No.~~
~~41. Officer_ID, Officer_Name, Rank, DOB, Age.~~
~~42. Accused_ID, Name, Age, Officer_ID.~~
~~43. Witness_ID, Address_ID.~~
~~44. Witness_ID, Phone_No.~~
~~45. Case_ID, Case_Name, Status, Date of occurrence.~~
~~46. Witness_ID, Name, Age, Case_ID.~~
~~47. Criminal_ID, Address_ID.~~
~~48. Criminal_ID, Phone_No.~~
~~49. Case_ID, Case_Name, Status, Date of occurrence.~~
~~50. Witness_ID, Name, Gender, Age, Case_ID.~~
~~51. Evidence_ID, Location.~~
~~52. Case_ID, Case_Name, Status, Date of occurrence.~~
~~53. Evidence_ID, Description type, Case_ID.~~
~~54. Case_ID, Case_Name, Status, Date of occurrence.~~
~~55. Cell_ID, Type, No_of_criminal, Case_ID.~~
~~56. Address_ID, House_No, Road_No, City.~~

Final Tables – 31

LIST OF TABLES:

1. ADDRESS
2. STAFF_ADDRESS
3. STAFF_PHONE
4. DEPARTMENT_PHONE
5. STAFF_INFO
6. OFFICER_ADDRESS
7. OFFICER_PHONE
8. DEPARTMENT_INFO
9. VEHICLE_PHONE
10. VEHICLE_INFO
11. VEHICLE_DETAILS
12. COMPLAINER_ADDRESS
13. COMPLAINER_PHONE
14. OFFICER_INFO
15. COMPLAINER_INFO

16. OFFICER_DETAILS
17. CASE_DETAILS
18. VICTIM_ADDRESS
19. VICTIM_PHONE
20. VICTIM_DETAILS
21. ACCUSED_ADDRESS
22. ACCUSED_DETAILS
23. WITNESS_ADDRESS
24. WITNESS_PHONE
25. WITNESS_DETAILS
26. CRIMINAL_ADDRESS
27. CRIMINAL_PHONE
28. CRIMINAL_DETAILS
29. EVIDENCE_LOCATION
30. EVIDENCE_DETAILS
31. CELL_DETAILS

TABLE CREATION

1.ADDRESS

CREATE TABLE ADDRESS (ADDRESS_ID NUMBER(4) PRIMARY KEY, HOUSE_NO NUMBER(5), ROAD_NO NUMBER(4) , CITY VARCHAR(20))

DESCRIBE ADDRESS

☒ Autocommit Display 10 Save Run

```
CREATE TABLE ADDRESS (ADDRESS_ID NUMBER(4) PRIMARY KEY, HOUSE_NO NUMBER(5), ROAD_NO NUMBER(4) , CITY VARCHAR(20))

DESCRIBE ADDRESS
```

Results Explain Describe Saved SQL History

Object Type TABLE Object ADDRESS

| Table | Column | Data Type | Length | Precision | Scale | Primary Key | Nullable | Default | Comment |
|---------|------------|-----------|--------|-----------|-------|-------------|----------|---------|---------|
| ADDRESS | ADDRESS_ID | Number | - | 4 | 0 | 1 | - | - | - |
| | HOUSE_NO | Number | - | 5 | 0 | - | ✓ | - | - |
| | ROAD_NO | Number | - | 4 | 0 | - | ✓ | - | - |
| | CITY | Varchar2 | 20 | - | - | - | ✓ | - | - |

1 - 4

2. STAFF_ADDRESS

CREATE TABLE STAFF_ADDRESS (Staff_ID NUMBER(6) PRIMARY KEY, Address_ID NUMBER(4), CONSTRAINT CONS1 FOREIGN KEY (Address_ID) REFERENCES ADDRESS(Address_ID))

DESCRIBE STAFF_ADDRESS

☒ Autocommit Display 10 Save Run

```
CREATE TABLE STAFF_ADDRESS (Staff_ID NUMBER(6) PRIMARY KEY, Address_ID NUMBER(4), CONSTRAINT CONS1 FOREIGN KEY (Address_ID) REFERENCES ADDRESS(Address_ID))

DESCRIBE STAFF_ADDRESS
```

Results Explain Describe Saved SQL History

Object Type TABLE Object STAFF_ADDRESS

| Table | Column | Data Type | Length | Precision | Scale | Primary Key | Nullable | Default | Comment |
|---------------|------------|-----------|--------|-----------|-------|-------------|----------|---------|---------|
| STAFF_ADDRESS | STAFF_ID | Number | - | 6 | 0 | 1 | - | - | - |
| | ADDRESS_ID | Number | - | 4 | 0 | - | ✓ | - | - |

1 - 2

3. STAFF_PHONE

CREATE TABLE STUFF_PHONE (STUFF_ID NUMBER(6) PRIMARY KEY, PHONE_NO NUMBER(11))

DESCRIBE STUFF_PHONE

☒ Autocommit Display 10 Save Run

```
CREATE TABLE STUFF_PHONE (STUFF_ID NUMBER(6) PRIMARY KEY, PHONE_NO NUMBER(11))

DESCRIBE STUFF_PHONE
```

Results Explain Describe Saved SQL History

Object Type TABLE Object STUFF_PHONE

| Table | Column | Data Type | Length | Precision | Scale | Primary Key | Nullable | Default | Comment |
|-------------|----------|-----------|--------|-----------|-------|-------------|----------|---------|---------|
| STUFF_PHONE | STUFF_ID | Number | - | 6 | 0 | 1 | - | - | - |
| | PHONE_NO | Number | - | 11 | 0 | - | ✓ | - | - |

1 - 2

4.DEPARTMENT_PHONE

CREATE TABLE DEPARTMENT_PHONE (DEPARTMENT_ID NUMBER(6) PRIMARY KEY, TELEPHONE_NO NUMBER(11))

DESCRIBE DEPARTMENT_PHONE

☒ Autocommit
 Display 10
 Save
Run

```
CREATE TABLE DEPARTMENT_PHONE (DEPARTMENT_ID NUMBER(6) PRIMARY KEY, TELEPHONE_NO NUMBER(11))
DESCRIBE DEPARTMENT_PHONE
```

Results Explain Describe Saved SQL History

Object Type TABLE Object DEPARTMENT_PHONE

| Table | Column | Data Type | Length | Precision | Scale | Primary Key | Nullable | Default | Comment |
|------------------|---------------|-----------|--------|-----------|-------|-------------|----------|---------|---------|
| DEPARTMENT_PHONE | DEPARTMENT_ID | Number | - | 6 | 0 | 1 | - | - | - |
| | TELEPHONE_NO | Number | - | 11 | 0 | - | ✓ | - | - |

1 - 2

5.STAFF_INFO

CREATE TABLE STAFF_INFO (STAFF_ID NUMBER(6) PRIMARY KEY, STAFF_NAME VARCHAR(20) ,AGE NUMBER(3),DEPARTMENT_ID NUMBER(6),CONSTRAINT CONS4 FOREIGN KEY (DEPARTMENT_ID) REFERENCES DEPARTMENT_INFO (DEPARTMENT_ID))

DESCRIBE STAFF_INFO

☒ Autocommit
 Display 10
 Save
Run

```
CREATE TABLE STAFF_INFO (STAFF_ID NUMBER(6) PRIMARY KEY, STAFF_NAME VARCHAR(20) ,AGE NUMBER(3),DEPARTMENT_ID NUMBER(6),
CONSTRAINT CONS4 FOREIGN KEY (DEPARTMENT_ID) REFERENCES DEPARTMENT_INFO (DEPARTMENT_ID) )
DESCRIBE STAFF_INFO
```

Results Explain Describe Saved SQL History

Object Type TABLE Object STAFF_INFO

| Table | Column | Data Type | Length | Precision | Scale | Primary Key | Nullable | Default | Comment |
|------------|---------------|-----------|--------|-----------|-------|-------------|----------|---------|---------|
| STAFF_INFO | STAFF_ID | Number | - | 6 | 0 | 1 | - | - | - |
| | STAFF_NAME | Varchar2 | 20 | - | - | - | ✓ | - | - |
| | AGE | Number | - | 3 | 0 | - | ✓ | - | - |
| | DEPARTMENT_ID | Number | - | 6 | 0 | - | ✓ | - | - |

1 - 4

6.OFFICER_ADDRESS

CREATE TABLE OFFICER_ADDRESS(OFFICER_ID NUMBER(6) PRIMARY KEY, ADDRESS_ID NUMBER(4),CONSTRAINT CONS5 FOREIGN KEY (Address_ID) REFERENCES ADDRESS(Address_ID))

DESCRIBE OFFICER_ADDRESS

☒ Autocommit
 Display 10
 Save
Run

```
CREATE TABLE OFFICER_ADDRESS(OFFICER_ID NUMBER(6) PRIMARY KEY, ADDRESS_ID NUMBER(4),
CONSTRAINT CONS5 FOREIGN KEY (Address_ID) REFERENCES ADDRESS(Address_ID) )
DESCRIBE OFFICER_ADDRESS
```

Results Explain Describe Saved SQL History

Object Type TABLE Object OFFICER_ADDRESS

| Table | Column | Data Type | Length | Precision | Scale | Primary Key | Nullable | Default | Comment |
|-----------------|------------|-----------|--------|-----------|-------|-------------|----------|---------|---------|
| OFFICER_ADDRESS | OFFICER_ID | Number | - | 6 | 0 | 1 | - | - | - |
| | ADDRESS_ID | Number | - | 4 | 0 | - | ✓ | - | - |

1 - 2

7.OFFICER_PHONE

CREATE TABLE OFFICER_PHONE(OFFICER_ID NUMBER(6) PRIMARY KEY, PHONE_NO NUMBER(11))

DESCRIBE OFFICER_PHONE

☒ Autocommit Display 10 Save Run

```
CREATE TABLE OFFICER_PHONE(OFFICER_ID NUMBER(6) PRIMARY KEY, PHONE_NO NUMBER(11))
DESCRIBE OFFICER_PHONE
```

Results Explain Describe Saved SQL History

Object Type TABLE Object OFFICER_PHONE

| Table | Column | Data Type | Length | Precision | Scale | Primary Key | Nullable | Default | Comment |
|---------------|------------|-----------|--------|-----------|-------|-------------|----------|---------|---------|
| OFFICER_PHONE | OFFICER_ID | Number | - | 6 | 0 | 1 | - | - | - |
| | PHONE_NO | Number | - | 11 | 0 | - | ✓ | - | - |

1 - 2

8.DEPARTMENT_INFO

CREATE TABLE DEPARTMENT_INFO (DEPARTMENT_ID NUMBER(6) PRIMARY KEY, DEPARTMENT_NAME VARCHAR(20), OFFICER_ID NUMBER(6), CONSTRAINT CONS3 FOREIGN KEY (OFFICER_ID) REFERENCES OFFICER_DETAILS (OFFICER_ID))

DESCRIBE DEPARTMENT_INFO

☒ Autocommit Display 10 Save Run

```
CREATE TABLE DEPARTMENT_INFO (DEPARTMENT_ID NUMBER(6) PRIMARY KEY, DEPARTMENT_NAME VARCHAR(20), OFFICER_ID NUMBER(6),
CONSTRAINT CONS3 FOREIGN KEY (OFFICER_ID) REFERENCES OFFICER_DETAILS (OFFICER_ID) )
DESCRIBE DEPARTMENT_INFO
```

Results Explain Describe Saved SQL History

Object Type TABLE Object DEPARTMENT_INFO

| Table | Column | Data Type | Length | Precision | Scale | Primary Key | Nullable | Default | Comment |
|-----------------|-----------------|-----------|--------|-----------|-------|-------------|----------|---------|---------|
| DEPARTMENT_INFO | DEPARTMENT_ID | Number | - | 6 | 0 | 1 | - | - | - |
| | DEPARTMENT_NAME | Varchar2 | 20 | - | - | - | ✓ | - | - |
| | OFFICER_ID | Number | - | 6 | 0 | - | ✓ | - | - |

1 - 3

9.VEHICLE_PHONE

CREATE TABLE VEHICLE_PHONE(VEHICLE_ID NUMBER(6) PRIMARY KEY, PHONE_NO NUMBER(11))

DESCRIBE VEHICLE_PHONE

☒ Autocommit Display 10 Save Run

```
CREATE TABLE VEHICLE_PHONE(VEHICLE_ID NUMBER(6) PRIMARY KEY, PHONE_NO NUMBER(11))
DESCRIBE VEHICLE_PHONE
```

Results Explain Describe Saved SQL History

Object Type TABLE Object VEHICLE_PHONE

| Table | Column | Data Type | Length | Precision | Scale | Primary Key | Nullable | Default | Comment |
|---------------|------------|-----------|--------|-----------|-------|-------------|----------|---------|---------|
| VEHICLE_PHONE | VEHICLE_ID | Number | - | 6 | 0 | 1 | - | - | - |
| | PHONE_NO | Number | - | 11 | 0 | - | ✓ | - | - |

1 - 2

10.VEHICLE1

CREATE TABLE VEHICLE1(VEHICLE_ID NUMBER(6) PRIMARY KEY, PLATE_NO VARCHAR(8), MODEL VARCHAR(15), DRIVER_NAME VARCHAR(20), DEPARTMENT_ID NUMBER(6), CONSTRAINT CONS6 FOREIGN KEY (DEPARTMENT_ID) REFERENCES DEPARTMENT_INFO(DEPARTMENT_ID))

DESCRIBE VEHICLE1

☒ Autocommit Display 10 Save Run

```

CREATE TABLE VEHICLE1(VEHICLE_ID NUMBER(6) PRIMARY KEY,PLATE_N0 VARCHAR(8),MODEL VARCHAR(15),DRIVER_NAME VARCHAR(20), DEPARTMENT_ID NUMBER(6),
CONSTRAINT CONS6 FOREIGN KEY (DEPARTMENT_ID) REFERENCES DEPARTMENT_INFO(DEPARTMENT_ID) )

DESCRIBE VEHICLE1

```

Results Explain Describe Saved SQL History

Object Type TABLE Object VEHICLE1

| Table | Column | Data Type | Length | Precision | Scale | Primary Key | Nullable | Default | Comment |
|----------|---------------|-----------|--------|-----------|-------|-------------|----------|---------|---------|
| VEHICLE1 | VEHICLE_ID | Number | - | 6 | 0 | 1 | - | - | - |
| | PLATE_N0 | Varchar2 | 8 | - | - | - | ✓ | - | - |
| | MODEL | Varchar2 | 15 | - | - | - | ✓ | - | - |
| | DRIVER_NAME | Varchar2 | 20 | - | - | - | ✓ | - | - |
| | DEPARTMENT_ID | Number | - | 6 | 0 | - | ✓ | - | - |

1 - 5

11.VEHICLE2

```

CREATE TABLE VEHICLE2(VEHICLE_ID NUMBER(6) PRIMARY KEY,PLATE_N0 VARCHAR(8),MODEL
VARCHAR(15),DRIVER_NAME VARCHAR(20), OFFICER_ID NUMBER(6),CONSTRAINT CONS7 FOREIGN
KEY (OFFICER_ID) REFERENCES OFFICER_DETAILS (OFFICER_ID) )
DESCRIBE VEHICLE2

```

☒ Autocommit Display 10 Save Run

```

CREATE TABLE VEHICLE2(VEHICLE_ID NUMBER(6) PRIMARY KEY,PLATE_N0 VARCHAR(8),MODEL VARCHAR(15),DRIVER_NAME VARCHAR(20), OFFICER_ID NUMBER(6),
CONSTRAINT CONS7 FOREIGN KEY (OFFICER_ID) REFERENCES OFFICER_DETAILS (OFFICER_ID) )

DESCRIBE VEHICLE2

```

Results Explain Describe Saved SQL History

Object Type TABLE Object VEHICLE2

| Table | Column | Data Type | Length | Precision | Scale | Primary Key | Nullable | Default | Comment |
|----------|-------------|-----------|--------|-----------|-------|-------------|----------|---------|---------|
| VEHICLE2 | VEHICLE_ID | Number | - | 6 | 0 | 1 | - | - | - |
| | PLATE_N0 | Varchar2 | 8 | - | - | - | ✓ | - | - |
| | MODEL | Varchar2 | 15 | - | - | - | ✓ | - | - |
| | DRIVER_NAME | Varchar2 | 20 | - | - | - | ✓ | - | - |
| | OFFICER_ID | Number | - | 6 | 0 | - | ✓ | - | - |

1 - 5

12.COMPLAINER_ADDRESS

```

CREATE TABLE COMPLAINER_ADDRESS (COMPLAINER_ID NUMBER(6) PRIMARY KEY, Address_ID
NUMBER(4), CONSTRAINT CONS8 FOREIGN KEY (Address_ID) REFERENCES ADDRESS(Address_ID))
DESCRIBE COMPLAINER_ADDRESS

```

☒ Autocommit Display 10 Save Run

```

CREATE TABLE COMPLAINER_ADDRESS(COMPLAINER_ID NUMBER(6) PRIMARY KEY, Address_ID NUMBER(4), CONSTRAINT CONS8 FOREIGN KEY (Address_ID) REFERENCES
ADDRESS(Address_ID))

DESCRIBE COMPLAINER_ADDRESS

```

Results Explain Describe Saved SQL History

Object Type TABLE Object COMPLAINER_ADDRESS

| Table | Column | Data Type | Length | Precision | Scale | Primary Key | Nullable | Default | Comment |
|--------------------|---------------|-----------|--------|-----------|-------|-------------|----------|---------|---------|
| COMPLAINER_ADDRESS | COMPLAINER_ID | Number | - | 6 | 0 | 1 | - | - | - |
| | ADDRESS_ID | Number | - | 4 | 0 | - | ✓ | - | - |

1 - 2

13.COMPLAINER_PHONE

```

CREATE TABLE COMPLAINER_PHONE(COMPLAINER_ID NUMBER(6) PRIMARY KEY, PHONE_NO NUMBER(11))
DESCRIBE COMPLAINER_PHONE

```


☒ Autocommit Display 10 Save Run

```

CREATE TABLE COMPLAINER_PHONE(COMPLAINER_ID NUMBER(6) PRIMARY KEY, PHONE_NO NUMBER(11))

DESCRIBE COMPLAINER_PHONE

```

Results Explain **Describe** Saved SQL History

Object Type TABLE Object COMPLAINER_PHONE

| Table | Column | Data Type | Length | Precision | Scale | Primary Key | Nullable | Default | Comment |
|------------------|---------------|-----------|--------|-----------|-------|-------------|----------|---------|---------|
| COMPLAINER_PHONE | COMPLAINER_ID | Number | - | 6 | 0 | 1 | - | - | - |
| | PHONE_NO | Number | - | 11 | 0 | - | ✓ | - | - |

1-2

14.OFFICER_INFO

```

CREATE TABLE OFFICER_INFO (OFFICER_ID NUMBER(6) PRIMARY KEY, OFFICER_NAME VARCHAR(20) ,
RANK VARCHAR(15),DOB DATE, AGE NUMBER(3),COMPLAINER_ID NUMBER(6),CONSTRAINT CONS9
FOREIGN KEY (COMPLAINER_ID ) REFERENCES COMPLAINER_INFO(COMPLAINER_ID ) )

DESCRIBE OFFICER_INFO

```

☒ Autocommit Display 10 Save Run

```

CREATE TABLE OFFICER_INFO (OFFICER_ID NUMBER(6) PRIMARY KEY, OFFICER_NAME VARCHAR(20) , RANK VARCHAR(15),DOB DATE, AGE NUMBER(3),COMPLAINER_ID NUMBER(6),
CONSTRAINT CONS9 FOREIGN KEY (COMPLAINER_ID ) REFERENCES COMPLAINER_INFO(COMPLAINER_ID ) )

DESCRIBE OFFICER_INFO

```

Results Explain **Describe** Saved SQL History

Object Type TABLE Object OFFICER_INFO

| Table | Column | Data Type | Length | Precision | Scale | Primary Key | Nullable | Default | Comment |
|--------------|---------------|-----------|--------|-----------|-------|-------------|----------|---------|---------|
| OFFICER_INFO | OFFICER_ID | Number | - | 6 | 0 | 1 | - | - | - |
| | OFFICER_NAME | Varchar2 | 20 | - | - | - | ✓ | - | - |
| | RANK | Varchar2 | 15 | - | - | - | ✓ | - | - |
| | DOB | Date | 7 | - | - | - | ✓ | - | - |
| | AGE | Number | - | 3 | 0 | - | ✓ | - | - |
| | COMPLAINER_ID | Number | - | 6 | 0 | - | ✓ | - | - |

1-6

15.COMPLAINER_INFO

```

CREATE TABLE COMPLAINER_INFO(COMPLAINER_ID NUMBER(6) PRIMARY KEY, COMPLAINER_NAME
VARCHAR(20),TIME_OF_COMPLAIN VARCHAR(15),AGE NUMBER(3))

DESCRIBE COMPLAINER_INFO

```

☒ Autocommit Display 10 Save Run

```

CREATE TABLE COMPLAINER_INFO(COMPLAINER_ID NUMBER(6) PRIMARY KEY, COMPLAINER_NAME VARCHAR(20),TIME_OF_COMPLAIN VARCHAR(15),AGE NUMBER(3))

DESCRIBE COMPLAINER_INFO

```

Results Explain **Describe** Saved SQL History

Object Type TABLE Object COMPLAINER_INFO

| Table | Column | Data Type | Length | Precision | Scale | Primary Key | Nullable | Default | Comment |
|-----------------|------------------|-----------|--------|-----------|-------|-------------|----------|---------|---------|
| COMPLAINER_INFO | COMPLAINER_ID | Number | - | 6 | 0 | 1 | - | - | - |
| | COMPLAINER_NAME | Varchar2 | 20 | - | - | - | ✓ | - | - |
| | TIME_OF_COMPLAIN | Varchar2 | 15 | - | - | - | ✓ | - | - |
| | AGE | Number | - | 3 | 0 | - | ✓ | - | - |

1-4

16.OFFICER_DETAILS

```

CREATE TABLE OFFICER_DETAILS (OFFICER_ID NUMBER(6) PRIMARY KEY, OFFICER_NAME VARCHAR(20) ,
RANK VARCHAR(15),DOB DATE, AGE NUMBER(3),CASE_ID NUMBER(6),CONSTRAINT CONS2 FOREIGN
KEY (CASE_ID ) REFERENCES CASE_DETAILS (CASE_ID ) )

DESCRIBE OFFICER_DETAILS

```

☒ Autocommit Display 10 Save Run

```
CREATE TABLE OFFICER_DETAILS(OFFICER_ID NUMBER(6) PRIMARY KEY, OFFICER_NAME VARCHAR(20) , RANK VARCHAR(15),DOB DATE, AGE NUMBER(3),CASE_ID NUMBER(6),
CONSTRAINT CONS2 FOREIGN KEY (CASE_ID ) REFERENCES CASE_DETAILS (CASE_ID ) )

DESCRIBE OFFICER_DETAILS
```

Results Explain Describe Saved SQL History

Object Type TABLE Object OFFICER_DETAILS

| Table | Column | Data Type | Length | Precision | Scale | Primary Key | Nullable | Default | Comment |
|-----------------|--------------|-----------|--------|-----------|-------|-------------|----------|---------|---------|
| OFFICER_DETAILS | OFFICER_ID | Number | - | 6 | 0 | 1 | - | - | - |
| | OFFICER_NAME | Varchar2 | 20 | - | - | - | ✓ | - | - |
| | RANK | Varchar2 | 15 | - | - | - | ✓ | - | - |
| | DOB | Date | 7 | - | - | - | ✓ | - | - |
| | AGE | Number | - | 3 | 0 | - | ✓ | - | - |
| | CASE_ID | Number | - | 6 | 0 | - | ✓ | - | - |

1 - 6

17.CASE_DETAILS

CREATE TABLE CASE_DETAILS (CASE_ID NUMBER(6) PRIMARY KEY, CASE_NAME VARCHAR(20) , STATUS VARCHAR(20),DATE_OF_OCCURRENCE DATE)

DESCRIBE CASE_DETAILS

☒ Autocommit Display 10 Save Run

```
CREATE TABLE CASE_DETAILS(CASE_ID NUMBER(6) PRIMARY KEY, CASE_NAME VARCHAR(20) , STATUS VARCHAR(20),DATE_OF_OCCURRENCE DATE)

DESCRIBE CASE_DETAILS
```

Results Explain Describe Saved SQL History

Object Type TABLE Object CASE_DETAILS

| Table | Column | Data Type | Length | Precision | Scale | Primary Key | Nullable | Default | Comment |
|--------------|--------------------|-----------|--------|-----------|-------|-------------|----------|---------|---------|
| CASE_DETAILS | CASE_ID | Number | - | 6 | 0 | 1 | - | - | - |
| | CASE_NAME | Varchar2 | 20 | - | - | - | ✓ | - | - |
| | STATUS | Varchar2 | 20 | - | - | - | ✓ | - | - |
| | DATE_OF_OCCURRENCE | Date | 7 | - | - | - | ✓ | - | - |

1 - 4

18.VICTIM_ADDRESS

CREATE TABLE VICTIM_ADDRESS(VICTIM_ID NUMBER(6) PRIMARY KEY, Address_ID NUMBER(4), CONSTRAINT CONS10 FOREIGN KEY (Address_ID) REFERENCES ADDRESS(Address_ID))

DESCRIBE VICTIM_ADDRESS

☒ Autocommit Display 10 Save Run

```
CREATE TABLE VICTIM_ADDRESS(VICTIM_ID NUMBER(6) PRIMARY KEY, Address_ID NUMBER(4), CONSTRAINT CONS10 FOREIGN KEY (Address_ID) REFERENCES ADDRESS(Address_ID))

DESCRIBE VICTIM_ADDRESS
```

Results Explain Describe Saved SQL History

Object Type TABLE Object VICTIM_ADDRESS

| Table | Column | Data Type | Length | Precision | Scale | Primary Key | Nullable | Default | Comment |
|----------------|------------|-----------|--------|-----------|-------|-------------|----------|---------|---------|
| VICTIM_ADDRESS | VICTIM_ID | Number | - | 6 | 0 | 1 | - | - | - |
| | ADDRESS_ID | Number | - | 4 | 0 | - | ✓ | - | - |

1 - 2

19.VICTIM_PHONE

CREATE TABLE VICTIM_PHONE(VICTIM_ID NUMBER(6) PRIMARY KEY, PHONE_NO NUMBER(11))

DESCRIBE VICTIM_PHONE

Autocommit Display 10 Save Run

```
CREATE TABLE VICTIM_PHONE(VICTIM_ID NUMBER(6) PRIMARY KEY, PHONE_NO NUMBER(11))
DESCRIBE VICTIM_PHONE
```

Results Explain Describe Saved SQL History

Object Type TABLE Object VICTIM_PHONE

| Table | Column | Data Type | Length | Precision | Scale | Primary Key | Nullable | Default | Comment |
|--------------|-----------|-----------|--------|-----------|-------|-------------|----------|---------|---------|
| VICTIM_PHONE | VICTIM_ID | Number | - | 6 | 0 | 1 | - | - | - |
| | PHONE_NO | Number | - | 11 | 0 | - | ✓ | - | - |

1 - 2

20.VICTIM_DETAILS

```
CREATE TABLE VICTIM_DETAILS(VICTIM_ID NUMBER(6) PRIMARY KEY, VICTIM_NAME VARCHAR(20)
,VICTIM_GENDER VARCHAR(6), AGE NUMBER(3),OFFICER_ID NUMBER(6),CONSTRAINT CONS11 FOREIGN
KEY (OFFICER_ID) REFERENCES OFFICER_INFO (OFFICER_ID ) )
DESCRIBE VICTIM_DETAILS
```

Autocommit Display 10 Save Run

```
CREATE TABLE VICTIM_DETAILS(VICTIM_ID NUMBER(6) PRIMARY KEY, VICTIM_NAME VARCHAR(20) ,VICTIM_GENDER VARCHAR(6), AGE NUMBER(3),OFFICER_ID NUMBER(6),
CONSTRAINT CONS11 FOREIGN KEY (OFFICER_ID) REFERENCES OFFICER_INFO (OFFICER_ID ) )
DESCRIBE VICTIM_DETAILS
```

Results Explain Describe Saved SQL History

Object Type TABLE Object VICTIM_DETAILS

| Table | Column | Data Type | Length | Precision | Scale | Primary Key | Nullable | Default | Comment |
|----------------|---------------|-----------|--------|-----------|-------|-------------|----------|---------|---------|
| VICTIM_DETAILS | VICTIM_ID | Number | - | 6 | 0 | 1 | - | - | - |
| | VICTIM_NAME | Varchar2 | 20 | - | - | - | ✓ | - | - |
| | VICTIM_GENDER | Varchar2 | 6 | - | - | - | ✓ | - | - |
| | AGE | Number | - | 3 | 0 | - | ✓ | - | - |
| | OFFICER_ID | Number | - | 6 | 0 | - | ✓ | - | - |

1 - 5

21.ACCUSED_ADDRESS

```
CREATE TABLE ACCUSED_ADDRESS(ACCUSED_ID NUMBER(6) PRIMARY KEY, Address_ID NUMBER(4),
CONSTRAINT CONS12 FOREIGN KEY (Address_ID) REFERENCES ADDRESS(Address_ID))
DESCRIBE ACCUSED_ADDRESS
```

Autocommit Display 10 Save Run

```
CREATE TABLE ACCUSED_ADDRESS(ACCUSED_ID NUMBER(6) PRIMARY KEY, Address_ID NUMBER(4),
CONSTRAINT CONS12 FOREIGN KEY (Address_ID) REFERENCES
ADDRESS(Address_ID))
DESCRIBE ACCUSED_ADDRESS
```

Results Explain Describe Saved SQL History

Object Type TABLE Object ACCUSED_ADDRESS

| Table | Column | Data Type | Length | Precision | Scale | Primary Key | Nullable | Default | Comment |
|-----------------|------------|-----------|--------|-----------|-------|-------------|----------|---------|---------|
| ACCUSED_ADDRESS | ACCUSED_ID | Number | - | 6 | 0 | 1 | - | - | - |
| | ADDRESS_ID | Number | - | 4 | 0 | - | ✓ | - | - |

1 - 2

22.ACCUSED_DETAILS

```
CREATE TABLE ACCUSED_DETAILS(ACCUSED_ID NUMBER(6) PRIMARY KEY,ACCUSED_NAME
VARCHAR(20),AGE NUMBER(3), OFFICER_ID NUMBER(6),CONSTRAINT CONS13 FOREIGN KEY
(OFFICER_ID) REFERENCES OFFICER_DETAILS (OFFICER_ID) )
DESCRIBE ACCUSED_DETAILS
```

☒ Autocommit Display 10 Save Run

```

CREATE TABLE ACCUSED_DETAILS(ACCUSED_ID NUMBER(6) PRIMARY KEY,ACCUSED_NAME VARCHAR(20),AGE NUMBER(3), OFFICER_ID NUMBER(6),
CONSTRAINT  CONS13 FOREIGN KEY (OFFICER_ID ) REFERENCES OFFICER_DETAILS (OFFICER_ID ) )

DESCRIBE ACCUSED_DETAILS

```

Results Explain Describe Saved SQL History

Object Type TABLE Object ACCUSED_DETAILS

| Table | Column | Data Type | Length | Precision | Scale | Primary Key | Nullable | Default | Comment |
|-----------------|--------------|-----------|--------|-----------|-------|-------------|----------|---------|---------|
| ACCUSED_DETAILS | ACCUSED_ID | Number | - | 6 | 0 | 1 | - | - | - |
| | ACCUSED_NAME | Varchar2 | 20 | - | - | - | ✓ | - | - |
| | AGE | Number | - | 3 | 0 | - | ✓ | - | - |
| | OFFICER_ID | Number | - | 6 | 0 | - | ✓ | - | - |
| 1 - 4 | | | | | | | | | |

23.WITNESS_ADDRESS

```

CREATE TABLE WITNESS_ADDRESS(WITNESS_ID NUMBER(6) PRIMARY KEY, Address_ID NUMBER(4),
CONSTRAINT  CONS14 FOREIGN KEY (Address_ID) REFERENCES ADDRESS(Address_ID))

DESCRIBE WITNESS_ADDRESS

```

☒ Autocommit Display 10 Save Run

```

CREATE TABLE WITNESS_ADDRESS(WITNESS_ID NUMBER(6) PRIMARY KEY, Address_ID NUMBER(4), CONSTRAINT  CONS14 FOREIGN KEY (Address_ID) REFERENCES
ADDRESS(Address_ID))

DESCRIBE WITNESS_ADDRESS

```

Results Explain Describe Saved SQL History

Object Type TABLE Object WITNESS_ADDRESS

| Table | Column | Data Type | Length | Precision | Scale | Primary Key | Nullable | Default | Comment |
|-----------------|------------|-----------|--------|-----------|-------|-------------|----------|---------|---------|
| WITNESS_ADDRESS | WITNESS_ID | Number | - | 6 | 0 | 1 | - | - | - |
| | ADDRESS_ID | Number | - | 4 | 0 | - | ✓ | - | - |
| 1 - 2 | | | | | | | | | |

24.WITNESS_PHONE

```

CREATE TABLE WITNESS_PHONE(WITNESS_ID NUMBER(6) PRIMARY KEY, PHONE_NO NUMBER(11))

DESCRIBE WITNESS_PHONE

```

☒ Autocommit Display 10 Save Run

```

CREATE TABLE WITNESS_PHONE(WITNESS_ID NUMBER(6) PRIMARY KEY, PHONE_NO NUMBER(11))

DESCRIBE WITNESS_PHONE

```

Results Explain Describe Saved SQL History

Object Type TABLE Object WITNESS_PHONE

| Table | Column | Data Type | Length | Precision | Scale | Primary Key | Nullable | Default | Comment |
|---------------|------------|-----------|--------|-----------|-------|-------------|----------|---------|---------|
| WITNESS_PHONE | WITNESS_ID | Number | - | 6 | 0 | 1 | - | - | - |
| | PHONE_NO | Number | - | 11 | 0 | - | ✓ | - | - |
| 1 - 2 | | | | | | | | | |

25.WITNESS_DETAILS

```

CREATE TABLE WITNESS_DETAILS (WITNESS_ID NUMBER(6) PRIMARY KEY,WITNESS_NAME
VARCHAR(20),AGE NUMBER(3), CASE_ID NUMBER(6),CONSTRAINT  CONS15 FOREIGN KEY (CASE_ID )
REFERENCES CASE_DETAILS (CASE_ID) )

DESCRIBE WITNESS_DETAILS

```

☒ Autocommit Display 10 Save Run

```
CREATE TABLE WITNESS_DETAILS (WITNESS_ID NUMBER(6) PRIMARY KEY,WITNESS_NAME VARCHAR(20),AGE NUMBER(3), CASE_ID NUMBER(6),
CONSTRAINT CONS15 FOREIGN KEY (CASE_ID) REFERENCES CASE_DETAILS (CASE_ID) )
DESCRIBE WITNESS_DETAILS
```

Results Explain Describe Saved SQL History

Object Type TABLE Object WITNESS_DETAILS

| Table | Column | Data Type | Length | Precision | Scale | Primary Key | Nullable | Default | Comment |
|-----------------|--------------|-----------|--------|-----------|-------|-------------|----------|---------|---------|
| WITNESS_DETAILS | WITNESS_ID | Number | - | 6 | 0 | 1 | - | - | - |
| | WITNESS_NAME | Varchar2 | 20 | - | - | - | ✓ | - | - |
| | AGE | Number | - | 3 | 0 | - | ✓ | - | - |
| | CASE_ID | Number | - | 6 | 0 | - | ✓ | - | - |
| 1-4 | | | | | | | | | |

26.CRIMINAL_ADDRESS

```
CREATE TABLE CRIMINAL_ADDRESS(CRIMINAL_ID NUMBER(6) PRIMARY KEY, Address_ID NUMBER(4),
CONSTRAINT CONS16 FOREIGN KEY (Address_ID) REFERENCES ADDRESS(Address_ID))
DESCRIBE CRIMINAL_ADDRESS
```

☒ Autocommit Display 10 Save Run

```
CREATE TABLE CRIMINAL_ADDRESS(CRIMINAL_ID NUMBER(6) PRIMARY KEY, Address_ID NUMBER(4),
CONSTRAINT CONS16 FOREIGN KEY (Address_ID) REFERENCES
ADDRESS(Address_ID))
DESCRIBE CRIMINAL_ADDRESS
```

Results Explain Describe Saved SQL History

Object Type TABLE Object CRIMINAL_ADDRESS

| Table | Column | Data Type | Length | Precision | Scale | Primary Key | Nullable | Default | Comment |
|------------------|-------------|-----------|--------|-----------|-------|-------------|----------|---------|---------|
| CRIMINAL_ADDRESS | CRIMINAL_ID | Number | - | 6 | 0 | 1 | - | - | - |
| | ADDRESS_ID | Number | - | 4 | 0 | - | ✓ | - | - |
| 1-2 | | | | | | | | | |

27.CRIMINAL_PHONE

```
CREATE TABLE CRIMINAL_PHONE(CRIMINAL_ID NUMBER(6) PRIMARY KEY, PHONE_NO NUMBER(11))
DESCRIBE CRIMINAL_PHONE
```

☒ Autocommit Display 10 Save Run

```
CREATE TABLE CRIMINAL_PHONE(CRIMINAL_ID NUMBER(6) PRIMARY KEY, PHONE_NO NUMBER(11))
DESCRIBE CRIMINAL_PHONE
```

Results Explain Describe Saved SQL History

Object Type TABLE Object CRIMINAL_PHONE

| Table | Column | Data Type | Length | Precision | Scale | Primary Key | Nullable | Default | Comment |
|----------------|-------------|-----------|--------|-----------|-------|-------------|----------|---------|---------|
| CRIMINAL_PHONE | CRIMINAL_ID | Number | - | 6 | 0 | 1 | - | - | - |
| | PHONE_NO | Number | - | 11 | 0 | - | ✓ | - | - |
| 1-2 | | | | | | | | | |

28.CRIMINAL_DETAILS

```
CREATE TABLE CRIMINAL_DETAILS(CRIMINAL_ID NUMBER(6) PRIMARY KEY,CRIMINAL_NAME
VARCHAR(20),GENDER VARCHAR (6),AGE NUMBER(3), CASE_ID NUMBER(6),CONSTRAINT CONS17
FOREIGN KEY (CASE_ID) REFERENCES CASE_DETAILS (CASE_ID) )
DESCRIBE CRIMINAL_DETAILS
```

☒ Autocommit Display 10 Save Run

```
CREATE TABLE CRIMINAL_DETAILS(CRIMINAL_ID NUMBER(6) PRIMARY KEY,CRIMINAL_NAME VARCHAR(20),GENDER VARCHAR (6),AGE NUMBER(3), CASE_ID NUMBER(6),
CONSTRAINT CONS17 FOREIGN KEY (CASE_ID ) REFERENCES CASE_DETAILS (CASE_ID ) )

DESCRIBE CRIMINAL_DETAILS
```

Results Explain Describe Saved SQL History

Object Type TABLE Object CRIMINAL_DETAILS

| Table | Column | Data Type | Length | Precision | Scale | Primary Key | Nullable | Default | Comment |
|------------------|---------------|-----------|--------|-----------|-------|-------------|----------|---------|---------|
| CRIMINAL_DETAILS | CRIMINAL_ID | Number | - | 6 | 0 | 1 | - | - | - |
| | CRIMINAL_NAME | Varchar2 | 20 | - | - | - | ✓ | - | - |
| | GENDER | Varchar2 | 6 | - | - | - | ✓ | - | - |
| | AGE | Number | - | 3 | 0 | - | ✓ | - | - |
| | CASE_ID | Number | - | 6 | 0 | - | ✓ | - | - |

1 - 5

29.EVIDENCE_LOCATION

CREATE TABLE EVIDENCE_LOCATION(EVIDENCE_ID NUMBER(6) PRIMARY KEY, LOCATION VARCHAR(30))
DESCRIBE EVIDENCE_LOCATION

☒ Autocommit Display 10 Save Run

```
CREATE TABLE EVIDENCE_LOCATION(EVIDENCE_ID NUMBER(6) PRIMARY KEY, LOCATION VARCHAR(30))

DESCRIBE EVIDENCE_LOCATION
```

Results Explain Describe Saved SQL History

Object Type TABLE Object EVIDENCE_LOCATION

| Table | Column | Data Type | Length | Precision | Scale | Primary Key | Nullable | Default | Comment |
|-------------------|-------------|-----------|--------|-----------|-------|-------------|----------|---------|---------|
| EVIDENCE_LOCATION | EVIDENCE_ID | Number | - | 6 | 0 | 1 | - | - | - |
| | LOCATION | Varchar2 | 30 | - | - | - | ✓ | - | - |

1 - 2

30.EVIDENCE_DETAILS

CREATE TABLE EVIDENCE_DETAILS(EVIDENCE_ID NUMBER(6) PRIMARY KEY,DESCRIPTION
VARCHAR(30),CASE_ID NUMBER(6),CONSTRAINT CONS18 FOREIGN KEY (CASE_ID) REFERENCES
CASE_DETAILS (CASE_ID))
DESCRIBE EVIDENCE_DETAILS

☒ Autocommit Display 10 Save Run

```
CREATE TABLE EVIDENCE_DETAILS(EVIDENCE_ID NUMBER(6) PRIMARY KEY,DESCRIPTION VARCHAR(30),CASE_ID NUMBER(6),
CONSTRAINT CONS18 FOREIGN KEY (CASE_ID ) REFERENCES CASE_DETAILS (CASE_ID ) )

DESCRIBE EVIDENCE_DETAILS
```

Results Explain Describe Saved SQL History

Object Type TABLE Object EVIDENCE_DETAILS

| Table | Column | Data Type | Length | Precision | Scale | Primary Key | Nullable | Default | Comment |
|------------------|-------------|-----------|--------|-----------|-------|-------------|----------|---------|---------|
| EVIDENCE_DETAILS | EVIDENCE_ID | Number | - | 6 | 0 | 1 | - | - | - |
| | DESCRIPTION | Varchar2 | 30 | - | - | - | ✓ | - | - |
| | CASE_ID | Number | - | 6 | 0 | - | ✓ | - | - |

1 - 3

31.CELL_DETAILS

CREATE TABLE CELL_DETAILS (CELL_ID NUMBER(4) PRIMARY KEY,TYPE VARCHAR(20),NO_OF_CRIMINAL
NUMBER(3),CASE_ID NUMBER(6),CONSTRAINT CONS19 FOREIGN KEY (CASE_ID) REFERENCES
CASE_DETAILS (CASE_ID))
DESCRIBE CELL_DETAILS

Autocommit Display 10 Save Run

```
CREATE TABLE CELL_DETAILS (CELL_ID NUMBER(4) PRIMARY KEY,TYPE VARCHAR(20),NO_OF_CRIMINAL NUMBER(3),CASE_ID NUMBER(6),
CONSTRAINT CONS19 FOREIGN KEY (CASE_ID ) REFERENCES CASE_DETAILS (CASE_ID ) )
DESCRIBE CELL_DETAILS
```

Results Explain Describe Saved SQL History

Object Type TABLE Object CELL_DETAILS

| Table | Column | Data Type | Length | Precision | Scale | Primary Key | Nullable | Default | Comment |
|--------------|----------------|-----------|--------|-----------|-------|-------------|----------|---------|---------|
| CELL_DETAILS | CELL_ID | Number | - | 4 | 0 | 1 | - | - | - |
| | TYPE | Varchar2 | 20 | - | - | - | ✓ | - | - |
| | NO_OF_CRIMINAL | Number | - | 3 | 0 | - | ✓ | - | - |
| | CASE_ID | Number | - | 6 | 0 | - | ✓ | - | - |

1 - 4

VALUE INSERTION

1. ADDRESS:

```
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (1, 123, 4567,'Gulshan');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (2, 456, 7890, 'Banani');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (3, 789, 1234, 'Baridhara');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (4, 321, 5678,
'Dhanmondi');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (5, 650, 9003, 'Uttara');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (6, 651, 9004, 'Mirpur');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (7, 652, 9005,
'MOhammadpur');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (8, 653, 9006, 'Banasree');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (9, 654, 9007, 'Khilgaon');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (10, 655, 9008,
'Shantinagar');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (11, 656, 9009,
'Shantinagar');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (12, 657, 9010, 'Motijhil');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (13, 658, 9011, 'Badda');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (14, 659, 9012, 'Badda');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (15, 660, 9013, 'Rampura');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (16, 661, 9014, 'Malibag');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (17, 662, 9015, 'Mogbazar');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (18, 663, 9016, 'Tejgaon');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (19, 664, 9017, 'Farmgate');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (20, 665, 9018, 'Kakrail');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (21, 666, 9019, 'Lalbag');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (22, 667, 9020, 'Lalbag');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (23, 668, 9021, 'Wari');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (24, 669, 9022,
'Sabujbagh');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (25, 670, 9023, 'Jatrabari');
```

```

INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (26, 671, 9024, 'Jatrabari');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (27, 672, 9025, 'New
Market');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (28, 673, 9026, 'New
Market');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (29, 674, 9027,
'Mohakhali');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (30, 675, 9028,
'Bashundhora');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (31, 676, 9029, 'shyamoli');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (32, 677, 9030, 'Adabor');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (33, 678, 9031, 'Adabor');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (34, 679, 9032, 'Kafrul');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (35, 680, 9033, 'Shahbagh');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (36, 681, 9034, 'Shahbagh');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (37, 682, 9035, 'Chawk
Bazar');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (38, 683, 9036, 'Chawk
Bazar');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (39, 684, 9037, 'Sutrapur');
INSERT INTO ADDRESS (ADDRESS_ID, HOUSE_NO, ROAD_NO, CITY) VALUES (40, 685, 9038, 'Kotwali');

```

| ADDRESS_ID | HOUSE_NO | ROAD_NO | CITY |
|------------|----------|---------|-------------|
| 20 | 665 | 9018 | Kakrail |
| 21 | 666 | 9019 | Lalbag |
| 22 | 667 | 9020 | Lalbag |
| 23 | 668 | 9021 | Wari |
| 24 | 669 | 9022 | Sabujbagh |
| 25 | 670 | 9023 | Jatrabari |
| 27 | 672 | 9025 | New Market |
| 26 | 671 | 9024 | Jatrabari |
| 29 | 674 | 9027 | Mohakhali |
| 30 | 675 | 9028 | Bashundhora |
| 31 | 676 | 9029 | shyamoli |
| 32 | 677 | 9030 | Adabor |
| 1 | 123 | 4567 | Gulshan |
| 2 | 456 | 7890 | Banani |
| 3 | 789 | 1234 | Baridhara |
| 4 | 321 | 5678 | Dhanmondi |

2. STAFF_ADDRESS:

```

INSERT INTO STAFF_ADDRESS (Staff_ID, ADDRESS_ID) VALUES (201, 1);
INSERT INTO STAFF_ADDRESS (Staff_ID, ADDRESS_ID) VALUES (202, 2);
INSERT INTO STAFF_ADDRESS (Staff_ID, ADDRESS_ID) VALUES (203, 3);
INSERT INTO STAFF_ADDRESS (Staff_ID, ADDRESS_ID) VALUES (204, 4);
INSERT INTO STAFF_ADDRESS (Staff_ID, ADDRESS_ID) VALUES (205, 5);

```


☒ Autocommit
 Display 50
 Save Run

```

INSERT INTO STAFF_ADDRESS (STAFF_ID, ADDRESS_ID) VALUES (201, 1);
INSERT INTO STAFF_ADDRESS (STAFF_ID, ADDRESS_ID) VALUES (202, 2);
INSERT INTO STAFF_ADDRESS (STAFF_ID, ADDRESS_ID) VALUES (203, 3);
INSERT INTO STAFF_ADDRESS (STAFF_ID, ADDRESS_ID) VALUES (204, 4);
INSERT INTO STAFF_ADDRESS (STAFF_ID, ADDRESS_ID) VALUES (205, 5);

select * from STAFF_ADDRESS
    
```

[Results](#)
[Explain](#)
[Describe](#)
[Saved SQL](#)
[History](#)

| STAFF_ID | ADDRESS_ID |
|----------|------------|
| 201 | 1 |
| 202 | 2 |
| 203 | 3 |
| 204 | 4 |
| 205 | 5 |

3. STAFF_PHONE:

```

INSERT INTO STUFF_PHONE (STUFF_ID, PHONE_NO) VALUES (201, 01345678901);
INSERT INTO STUFF_PHONE (STUFF_ID, PHONE_NO) VALUES (202, 01345678801);
INSERT INTO STUFF_PHONE (STUFF_ID, PHONE_NO) VALUES (203, 01656789012);
INSERT INTO STUFF_PHONE (STUFF_ID, PHONE_NO) VALUES (204, 01767890123);
INSERT INTO STUFF_PHONE (STUFF_ID, PHONE_NO) VALUES (205, 01789001234);
    
```

☒ Autocommit
 Display 50
 Save Run

```

INSERT INTO STUFF_PHONE (STUFF_ID, PHONE_NO) VALUES (201, 01345678901);
INSERT INTO STUFF_PHONE (STUFF_ID, PHONE_NO) VALUES (202, 01345678801);
INSERT INTO STUFF_PHONE (STUFF_ID, PHONE_NO) VALUES (203, 01656789012);
INSERT INTO STUFF_PHONE (STUFF_ID, PHONE_NO) VALUES (204, 01767890123);
INSERT INTO STUFF_PHONE (STUFF_ID, PHONE_NO) VALUES (205, 01789001234);

select * from STUFF_PHONE
    
```

[Results](#)
[Explain](#)
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[Saved SQL](#)
[History](#)

| STUFF_ID | PHONE_NO |
|----------|------------|
| 201 | 1345678901 |
| 202 | 1345678801 |
| 203 | 1656789012 |
| 204 | 1767890123 |
| 205 | 1789001234 |

4. DEPARTMENT_PHONE:

```

INSERT INTO DEPARTMENT_PHONE (DEPARTMENT_ID, TELEPHONE_NO) VALUES (001, 1112223333);
INSERT INTO DEPARTMENT_PHONE (DEPARTMENT_ID, TELEPHONE_NO) VALUES (002, 2223334444);
INSERT INTO DEPARTMENT_PHONE (DEPARTMENT_ID, TELEPHONE_NO) VALUES (003, 3334445555);
INSERT INTO DEPARTMENT_PHONE (DEPARTMENT_ID, TELEPHONE_NO) VALUES (004, 4445556666);
INSERT INTO DEPARTMENT_PHONE (DEPARTMENT_ID, TELEPHONE_NO) VALUES (005, 5556667777);
    
```

☒ Autocommit
 Display 50
 Save Run

```

INSERT INTO DEPARTMENT_PHONE (DEPARTMENT_ID, TELEPHONE_NO) VALUES (001, 1112223333);
INSERT INTO DEPARTMENT_PHONE (DEPARTMENT_ID, TELEPHONE_NO) VALUES (002, 2223334444);
INSERT INTO DEPARTMENT_PHONE (DEPARTMENT_ID, TELEPHONE_NO) VALUES (003, 3334445555);
INSERT INTO DEPARTMENT_PHONE (DEPARTMENT_ID, TELEPHONE_NO) VALUES (004, 4445556666);
INSERT INTO DEPARTMENT_PHONE (DEPARTMENT_ID, TELEPHONE_NO) VALUES (005, 5556667777);

select * from DEPARTMENT_PHONE
    
```

[Results](#)
[Explain](#)
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| DEPARTMENT_ID | TELEPHONE_NO |
|---------------|--------------|
| 1 | 1112223333 |
| 2 | 2223334444 |
| 3 | 3334445555 |
| 4 | 4445556666 |
| 5 | 5556667777 |

5. STAFF_INFO:

```

INSERT INTO STAFF_INFO (STAFF_ID, STAFF_NAME, AGE, DEPARTMENT_ID) VALUES (201, 'Abdul
    
```

```
Karim', 30, 001);
INSERT INTO STAFF_INFO (STAFF_ID, STAFF_NAME, AGE, DEPARTMENT_ID) VALUES (202, 'Abdur
Rahim', 29, 002);
INSERT INTO STAFF_INFO (STAFF_ID, STAFF_NAME, AGE, DEPARTMENT_ID) VALUES (203, 'Abdul
Motin', 35, 003);
INSERT INTO STAFF_INFO (STAFF_ID, STAFF_NAME, AGE, DEPARTMENT_ID) VALUES (204, 'Abdus
Sattar', 28, 002);
INSERT INTO STAFF_INFO (STAFF_ID, STAFF_NAME, AGE, DEPARTMENT_ID) VALUES (205, 'Jashim
Mia', 32, 005);
```

☒ Autocommit
 Display 10
 Save
Run

```

INSERT INTO STAFF_INFO (STAFF_ID, STAFF_NAME, AGE, DEPARTMENT_ID) VALUES (201, 'Abdul Karim', 30, 001);
INSERT INTO STAFF_INFO (STAFF_ID, STAFF_NAME, AGE, DEPARTMENT_ID) VALUES (202, 'Abdur Rahim', 29, 002);
INSERT INTO STAFF_INFO (STAFF_ID, STAFF_NAME, AGE, DEPARTMENT_ID) VALUES (203, 'Abdul Motin', 35, 003);
INSERT INTO STAFF_INFO (STAFF_ID, STAFF_NAME, AGE, DEPARTMENT_ID) VALUES (204, 'Abdus Sattar', 28, 002);
INSERT INTO STAFF_INFO (STAFF_ID, STAFF_NAME, AGE, DEPARTMENT_ID) VALUES (205, 'Jashim Mia', 32, 005);

select * from STAFF_INFO
    
```

Results

Explain

Describe

Saved SQL

History

| STAFF_ID | STAFF_NAME | AGE | DEPARTMENT_ID |
|----------|--------------|-----|---------------|
| 201 | Abdul Karim | 30 | 1 |
| 202 | Abdur Rahim | 29 | 2 |
| 203 | Abdul Motin | 35 | 3 |
| 204 | Abdus Sattar | 28 | 2 |
| 205 | Jashim Mia | 32 | 5 |

6. OFFICER_ADDRESS:

```
INSERT INTO OFFICER_ADDRESS (OFFICER_ID, ADDRESS_ID) VALUES (1001, 6);
INSERT INTO OFFICER_ADDRESS (OFFICER_ID, ADDRESS_ID) VALUES (1002, 7);
INSERT INTO OFFICER_ADDRESS (OFFICER_ID, ADDRESS_ID) VALUES (1003, 8);
INSERT INTO OFFICER_ADDRESS (OFFICER_ID, ADDRESS_ID) VALUES (1004, 9);
INSERT INTO OFFICER_ADDRESS (OFFICER_ID, ADDRESS_ID) VALUES (1005, 10);
```

☒ Autocommit
 Display 50
 Save
Run

```

INSERT INTO OFFICER_ADDRESS (OFFICER_ID, ADDRESS_ID) VALUES (1001, 6);
INSERT INTO OFFICER_ADDRESS (OFFICER_ID, ADDRESS_ID)VALUES (1002, 7);
INSERT INTO OFFICER_ADDRESS (OFFICER_ID, ADDRESS_ID)VALUES (1003, 8);
INSERT INTO OFFICER_ADDRESS (OFFICER_ID, ADDRESS_ID)VALUES (1004, 9);
INSERT INTO OFFICER_ADDRESS (OFFICER_ID, ADDRESS_ID)VALUES (1005, 10);

select * from OFFICER_ADDRESS
    
```

Results

Explain

Describe

Saved SQL

History

| OFFICER_ID | ADDRESS_ID |
|------------|------------|
| 1001 | 6 |
| 1002 | 7 |
| 1003 | 8 |
| 1004 | 9 |
| 1005 | 10 |

7. OFFICER_PHONE:

```
INSERT INTO OFFICER_PHONE (OFFICER_ID, PHONE_NO) VALUES (1001, '01555212345');
INSERT INTO OFFICER_PHONE (OFFICER_ID, PHONE_NO) VALUES (1002, '01655582345');
INSERT INTO OFFICER_PHONE (OFFICER_ID, PHONE_NO) VALUES (1003, '01585553456');
INSERT INTO OFFICER_PHONE (OFFICER_ID, PHONE_NO) VALUES (1004, '01855584567');
INSERT INTO OFFICER_PHONE (OFFICER_ID, PHONE_NO) VALUES (1005, '01955555678');
```

☒ Autocommit
 Display 50
 Save Run

```

INSERT INTO OFFICER_PHONE (OFFICER_ID, PHONE_NO) VALUES (1001, '01555212345');
INSERT INTO OFFICER_PHONE (OFFICER_ID, PHONE_NO) VALUES (1002, '01655582345');
INSERT INTO OFFICER_PHONE (OFFICER_ID, PHONE_NO) VALUES (1003, '01585553456');
INSERT INTO OFFICER_PHONE (OFFICER_ID, PHONE_NO) VALUES (1004, '01855584567');
INSERT INTO OFFICER_PHONE (OFFICER_ID, PHONE_NO) VALUES (1005, '01955555678');

select * from OFFICER_PHONE
    
```

Results Explain Describe Saved SQL History

| OFFICER_ID | PHONE_NO |
|------------|------------|
| 1001 | 1555212345 |
| 1002 | 1655582345 |
| 1003 | 1585553456 |
| 1004 | 1855584567 |
| 1005 | 1955555678 |

8. DEPARTMENT_INFO:

```

INSERT INTO DEPARTMENT_INFO (DEPARTMENT_ID, DEPARTMENT_NAME, OFFICER_ID) VALUES
(001, 'Criminal Investigation Department', 1001)
INSERT INTO DEPARTMENT_INFO (DEPARTMENT_ID, DEPARTMENT_NAME, OFFICER_ID) VALUES
(002, 'Traffic Department', 1002);
INSERT INTO DEPARTMENT_INFO (DEPARTMENT_ID, DEPARTMENT_NAME, OFFICER_ID) VALUES
(003, 'Special Branch', 1003);
INSERT INTO DEPARTMENT_INFO (DEPARTMENT_ID, DEPARTMENT_NAME, OFFICER_ID) VALUES
(004, 'IT', 1004);
INSERT INTO DEPARTMENT_INFO (DEPARTMENT_ID, DEPARTMENT_NAME, OFFICER_ID) VALUES
(005, 'Community Policing department', 1005);
    
```

☒ Autocommit
 Display 10
 Save Run

```

INSERT INTO DEPARTMENT_INFO (DEPARTMENT_ID, DEPARTMENT_NAME, OFFICER_ID) VALUES (001, 'Criminal', 1001);
INSERT INTO DEPARTMENT_INFO (DEPARTMENT_ID, DEPARTMENT_NAME, OFFICER_ID) VALUES (002, 'Traffic Department', 1002);
INSERT INTO DEPARTMENT_INFO (DEPARTMENT_ID, DEPARTMENT_NAME, OFFICER_ID) VALUES (003, 'Special Branch', 1003);
INSERT INTO DEPARTMENT_INFO (DEPARTMENT_ID, DEPARTMENT_NAME, OFFICER_ID) VALUES (004, 'IT', 1004);
INSERT INTO DEPARTMENT_INFO (DEPARTMENT_ID, DEPARTMENT_NAME, OFFICER_ID) VALUES (005, 'Community Policing', 1005);

SELECT * FROM DEPARTMENT_INFO
    
```

Results Explain Describe Saved SQL History

| DEPARTMENT_ID | DEPARTMENT_NAME | OFFICER_ID |
|---------------|--------------------|------------|
| 1 | Criminal | 1001 |
| 2 | Traffic Department | 1002 |
| 3 | Special Branch | 1003 |
| 4 | IT | 1004 |
| 5 | Community Policing | 1005 |

9. VEHICLE_PHONE :

```

INSERT INTO VEHICLE_PHONE (VEHICLE_ID, PHONE_NO) VALUES (5001, '01555678129');
INSERT INTO VEHICLE_PHONE (VEHICLE_ID, PHONE_NO) VALUES (5002, '01555745890');
INSERT INTO VEHICLE_PHONE (VEHICLE_ID, PHONE_NO) VALUES (5003, '01555878901');
INSERT INTO VEHICLE_PHONE (VEHICLE_ID, PHONE_NO) VALUES (5004, '01555259012');
INSERT INTO VEHICLE_PHONE (VEHICLE_ID, PHONE_NO) VALUES (5005, '01555580123');
    
```

☒ Autocommit
 Display 10
Save Run

```

INSERT INTO VEHICLE_PHONE (VEHICLE_ID, PHONE_NO) VALUES (5001, '01555678129');
INSERT INTO VEHICLE_PHONE (VEHICLE_ID, PHONE_NO) VALUES (5002, '01555745890');
INSERT INTO VEHICLE_PHONE (VEHICLE_ID, PHONE_NO) VALUES (5003, '01555878901');
INSERT INTO VEHICLE_PHONE (VEHICLE_ID, PHONE_NO) VALUES (5004, '01555259012');
INSERT INTO VEHICLE_PHONE (VEHICLE_ID, PHONE_NO) VALUES (5005, '01555580123');

SELECT * FROM VEHICLE_PHONE
    
```

Results
Explain
Describe
Saved SQL
History

| VEHICLE_ID | PHONE_NO |
|------------|------------|
| 5001 | 1555678129 |
| 5002 | 1555745890 |
| 5003 | 1555878901 |
| 5004 | 1555259012 |
| 5005 | 155580123 |

10. VEHICLE1 :

```

INSERT INTO VEHICLE1 (VEHICLE_ID, PLATE_NO, MODEL, DRIVER_NAME, DEPARTMENT_ID)
VALUES (5001, 'ABC123', 'Sedan', 'MD. MAFIZ', 001);
INSERT INTO VEHICLE1 (VEHICLE_ID, PLATE_NO, MODEL, DRIVER_NAME, DEPARTMENT_ID)
VALUES (5002, 'DEF456', 'SUV', 'MD. SAFIQ', 002);
INSERT INTO VEHICLE1 (VEHICLE_ID, PLATE_NO, MODEL, DRIVER_NAME, DEPARTMENT_ID)
VALUES (5003, 'GHI789', 'Truck', 'MD. KALAM', 003);
INSERT INTO VEHICLE1 (VEHICLE_ID, PLATE_NO, MODEL, DRIVER_NAME, DEPARTMENT_ID)
VALUES (5004, 'JKL012', 'Van', 'MD. SALAM', 004);
INSERT INTO VEHICLE1 (VEHICLE_ID, PLATE_NO, MODEL, DRIVER_NAME, DEPARTMENT_ID)
VALUES (5005, 'MNO345', 'Sports Car', 'MD. JAHIR', 005);
    
```

☒ Autocommit
 Display 10
Save Run

```

INSERT INTO VEHICLE1 (VEHICLE_ID, PLATE_NO, MODEL, DRIVER_NAME, DEPARTMENT_ID) VALUES (5001, 'ABC123', 'Sedan', 'MD. MAFIZ', 001);
INSERT INTO VEHICLE1 (VEHICLE_ID, PLATE_NO, MODEL, DRIVER_NAME, DEPARTMENT_ID) VALUES (5002, 'DEF456', 'SUV', 'MD. SAFIQ', 002);
INSERT INTO VEHICLE1 (VEHICLE_ID, PLATE_NO, MODEL, DRIVER_NAME, DEPARTMENT_ID) VALUES (5003, 'GHI789', 'Truck', 'MD. KALAM', 003);
INSERT INTO VEHICLE1 (VEHICLE_ID, PLATE_NO, MODEL, DRIVER_NAME, DEPARTMENT_ID) VALUES (5004, 'JKL012', 'Van', 'MD. SALAM', 004);
INSERT INTO VEHICLE1 (VEHICLE_ID, PLATE_NO, MODEL, DRIVER_NAME, DEPARTMENT_ID) VALUES (5005, 'MNO345', 'Sports Car', 'MD. JAHIR', 005);

SELECT * FROM VEHICLE1
    
```

Results
Explain
Describe
Saved SQL
History

| VEHICLE_ID | PLATE_NO | MODEL | DRIVER_NAME | DEPARTMENT_ID |
|------------|----------|------------|-------------|---------------|
| 5001 | ABC123 | Sedan | MD MAFIZ | 1 |
| 5002 | DEF456 | SUV | MD. SAFIQ | 2 |
| 5003 | GHI789 | Truck | MD. KALAM | 3 |
| 5004 | JKL012 | Van | MD. SALAM | 4 |
| 5005 | MNO345 | Sports Car | MD. JAHIR | 5 |

11. VEHICLE2:

```

INSERT INTO VEHICLE2 (VEHICLE_ID, PLATE_NO, MODEL, DRIVER_NAME, OFFICER_ID) VALUES
(5006, 'MNO345', 'Convertible', 'MD. SELIM', 1001);
INSERT INTO VEHICLE2 (VEHICLE_ID, PLATE_NO, MODEL, DRIVER_NAME, OFFICER_ID) VALUES
(5007, 'PQR678', 'Pickup', 'MD. KAWSAR', 1002);
INSERT INTO VEHICLE2 (VEHICLE_ID, PLATE_NO, MODEL, DRIVER_NAME, OFFICER_ID) VALUES
(5008, 'STU901', 'Sports Car', 'MD. SAZID', 1003);
INSERT INTO VEHICLE2 (VEHICLE_ID, PLATE_NO, MODEL, DRIVER_NAME, OFFICER_ID) VALUES
(5009, 'VWX234', 'Minivan', 'MD. EMAMUL', 1004);
INSERT INTO VEHICLE2 (VEHICLE_ID, PLATE_NO, MODEL, DRIVER_NAME, OFFICER_ID) VALUES
(5010, 'YZA567', 'SUV', 'MD. NAEEM', 1005);
    
```

☒ Autocommit

Display 10

Save

Run

```
INSERT INTO VEHICLE2 (VEHICLE_ID, PLATE_NO, MODEL, DRIVER_NAME, OFFICER_ID) VALUES (5006, 'MNO345', 'Convertible', 'MD. SELIM', 1001);
INSERT INTO VEHICLE2 (VEHICLE_ID, PLATE_NO, MODEL, DRIVER_NAME, OFFICER_ID) VALUES (5007, 'PQR678', 'Pickup', 'MD. KAWSAR', 1002);
INSERT INTO VEHICLE2 (VEHICLE_ID, PLATE_NO, MODEL, DRIVER_NAME, OFFICER_ID) VALUES (5008, 'STU901', 'Sports Car', 'MD. SAZID', 1003);
INSERT INTO VEHICLE2 (VEHICLE_ID, PLATE_NO, MODEL, DRIVER_NAME, OFFICER_ID) VALUES (5009, 'VWX234', 'Minivan', 'MD. EMAMUL', 1004);
INSERT INTO VEHICLE2 (VEHICLE_ID, PLATE_NO, MODEL, DRIVER_NAME, OFFICER_ID) VALUES (5010, 'YZA567', 'SUV', 'MD. NAEEM', 1005);

SELECT * FROM VEHICLE2
```

Results

Explain

Describe

Saved SQL

History

| VEHICLE_ID | PLATE_NO | MODEL | DRIVER_NAME | OFFICER_ID |
|------------|----------|-------------|-------------|------------|
| 5006 | MNO345 | Convertible | MD. SELIM | 1001 |
| 5007 | PQR678 | Pickup | MD. KAWSAR | 1002 |
| 5008 | STU901 | Sports Car | MD. SAZID | 1003 |
| 5009 | VWX234 | Minivan | MD. EMAMUL | 1004 |
| 5010 | YZA567 | SUV | MD. NAEEM | 1005 |

12. COMPLAINER_ADDRESS:

```
INSERT INTO COMPLAINER_ADDRESS (COMPLAINER_ID, ADDRESS_ID) VALUES (3001, 11);
INSERT INTO COMPLAINER_ADDRESS (COMPLAINER_ID, ADDRESS_ID) VALUES (3002, 12);
INSERT INTO COMPLAINER_ADDRESS (COMPLAINER_ID, ADDRESS_ID) VALUES (3003, 13);
INSERT INTO COMPLAINER_ADDRESS (COMPLAINER_ID, ADDRESS_ID) VALUES (3004, 14);
INSERT INTO COMPLAINER_ADDRESS (COMPLAINER_ID, ADDRESS_ID) VALUES (3005, 15);
```

☒ Autocommit

Display 10

Save

Run

```
INSERT INTO COMPLAINER_ADDRESS (COMPLAINER_ID, ADDRESS_ID) VALUES (3001, 11);
INSERT INTO COMPLAINER_ADDRESS (COMPLAINER_ID, ADDRESS_ID) VALUES (3002, 12);
INSERT INTO COMPLAINER_ADDRESS (COMPLAINER_ID, ADDRESS_ID) VALUES (3003, 13);
INSERT INTO COMPLAINER_ADDRESS (COMPLAINER_ID, ADDRESS_ID) VALUES (3004, 14);
INSERT INTO COMPLAINER_ADDRESS (COMPLAINER_ID, ADDRESS_ID) VALUES (3005, 15);

SELECT * FROM COMPLAINER_ADDRESS
```

Results

Explain

Describe

Saved SQL

History

| COMPLAINER_ID | ADDRESS_ID |
|---------------|------------|
| 3001 | 11 |
| 3002 | 12 |
| 3003 | 13 |
| 3004 | 14 |
| 3005 | 15 |

13. COMPLAINER_PHONE:

```
INSERT INTO COMPLAINER_PHONE (COMPLAINER_ID, PHONE_NO) VALUES (3001, 01234567890);
INSERT INTO COMPLAINER_PHONE (COMPLAINER_ID, PHONE_NO) VALUES (3002, 01345678901);
INSERT INTO COMPLAINER_PHONE (COMPLAINER_ID, PHONE_NO) VALUES (3003, 01346789012);
INSERT INTO COMPLAINER_PHONE (COMPLAINER_ID, PHONE_NO) VALUES (3004, 01457890123);
INSERT INTO COMPLAINER_PHONE (COMPLAINER_ID, PHONE_NO) VALUES (3005, 01678901234);
```

☒ Autocommit

Display 10

Save

Run

```
INSERT INTO COMPLAINER_PHONE (COMPLAINER_ID, PHONE_NO) VALUES (3001, 01234567890);
INSERT INTO COMPLAINER_PHONE (COMPLAINER_ID, PHONE_NO) VALUES (3002, 01345678901);
INSERT INTO COMPLAINER_PHONE (COMPLAINER_ID, PHONE_NO) VALUES (3003, 01346789012);
INSERT INTO COMPLAINER_PHONE (COMPLAINER_ID, PHONE_NO) VALUES (3004, 01457890123);
INSERT INTO COMPLAINER_PHONE (COMPLAINER_ID, PHONE_NO) VALUES (3005, 01678901234);

SELECT * FROM COMPLAINER_PHONE
```

Results

Explain

Describe

Saved SQL

History

| COMPLAINER_ID | PHONE_NO |
|---------------|------------|
| 3001 | 1234567890 |
| 3002 | 1345678901 |
| 3003 | 1346789012 |
| 3004 | 1457890123 |
| 3005 | 1678901234 |

14. OFFICER_INFO:

```

INSERT INTO OFFICER_INFO (OFFICER_ID, OFFICER_NAME, RANK, DOB, AGE, COMPLAINER_ID)
VALUES (1001, 'ABDUR SATTAR', 'ASI', '01-JAN-80', 41, 3001);
INSERT INTO OFFICER_INFO (OFFICER_ID, OFFICER_NAME, RANK, DOB, AGE, COMPLAINER_ID)
VALUES (1002, 'AREFIN ISLAM', 'INSPECTOR', '05-MAY-85', 36, 3002);
INSERT INTO OFFICER_INFO (OFFICER_ID, OFFICER_NAME, RANK, DOB, AGE, COMPLAINER_ID)
VALUES (1003, 'RAFINUL HAQ', 'SUB INSPECTOR', '11-NOV-77', 44, 3003);
INSERT INTO OFFICER_INFO (OFFICER_ID, OFFICER_NAME, RANK, DOB, AGE, COMPLAINER_ID)
VALUES (1004, 'ABDUL MOTIN', 'SERGENT', '30-APR-75', 46, 3004);
INSERT INTO OFFICER_INFO (OFFICER_ID, OFFICER_NAME, RANK, DOB, AGE, COMPLAINER_ID)
VALUES (1005, 'MD. KUDDUS KHAN', 'ASP', '15-SEP-82', 48, 3005);

```

☒ Autocommit
 Display 10
 Save Run

```

INSERT INTO OFFICER_INFO (OFFICER_ID, OFFICER_NAME, RANK, DOB, AGE, COMPLAINER_ID) VALUES (1001, 'ABDUR SATTAR', 'ASI', '01-JAN-80', 41, 3001);
INSERT INTO OFFICER_INFO (OFFICER_ID, OFFICER_NAME, RANK, DOB, AGE, COMPLAINER_ID) VALUES (1002, 'AREFIN ISLAM', 'INSPECTOR', '05-MAY-85', 36, 3002);
INSERT INTO OFFICER_INFO (OFFICER_ID, OFFICER_NAME, RANK, DOB, AGE, COMPLAINER_ID) VALUES (1003, 'RAFINUL HAQ', 'SUB INSPECTOR', '11-NOV-77', 44, 3003);
INSERT INTO OFFICER_INFO (OFFICER_ID, OFFICER_NAME, RANK, DOB, AGE, COMPLAINER_ID) VALUES (1004, 'ABDUL MOTIN', 'SERGENT', '30-APR-75', 46, 3004);
INSERT INTO OFFICER_INFO (OFFICER_ID, OFFICER_NAME, RANK, DOB, AGE, COMPLAINER_ID) VALUES (1005, 'MD. KUDDUS KHAN', 'ASP', '15-SEP-82', 48, 3005);

SELECT * FROM OFFICER_INFO

```

Results Explain Describe Saved SQL History

| OFFICER_ID | OFFICER_NAME | RANK | DOB | AGE | COMPLAINER_ID |
|------------|-----------------|---------------|-----------|-----|---------------|
| 1001 | ABDUR SATTAR | ASI | 01-JAN-80 | 41 | 3001 |
| 1002 | AREFIN ISLAM | INSPECTOR | 05-MAY-85 | 36 | 3002 |
| 1003 | RAFINUL HAQ | SUB INSPECTOR | 11-NOV-77 | 44 | 3003 |
| 1004 | ABDUL MOTIN | SERGENT | 30-APR-75 | 46 | 3004 |
| 1005 | MD. KUDDUS KHAN | ASP | 15-SEP-82 | 48 | 3005 |

15.COMPLAINER_INFO:

```

INSERT INTO COMPLAINER_INFO (COMPLAINER_ID, COMPLAINER_NAME, TIME_OF_COMPLAIN, AGE) VALUES (3001, 'MD. HABIBUR', 'Morning', 35);
INSERT INTO COMPLAINER_INFO (COMPLAINER_ID, COMPLAINER_NAME, TIME_OF_COMPLAIN, AGE) VALUES (3002, 'MD. SATTAR', 'Afternoon', 45);
INSERT INTO COMPLAINER_INFO (COMPLAINER_ID, COMPLAINER_NAME, TIME_OF_COMPLAIN, AGE) VALUES (3003, 'MD. JAOHIRUL', 'Evening', 28);
INSERT INTO COMPLAINER_INFO (COMPLAINER_ID, COMPLAINER_NAME, TIME_OF_COMPLAIN, AGE) VALUES (3004, 'MD. KAMAL ', 'Morning', 62);
INSERT INTO COMPLAINER_INFO (COMPLAINER_ID, COMPLAINER_NAME, TIME_OF_COMPLAIN, AGE) VALUES (3005, 'ZOLEKHA BIBI', 'Afternoon', 29);

```

☒ Autocommit
 Display 10
 Save Run

```

INSERT INTO COMPLAINER_INFO (COMPLAINER_ID, COMPLAINER_NAME, TIME_OF_COMPLAIN, AGE) VALUES (3001, 'MD. HABIBUR', 'Morning', 35);
INSERT INTO COMPLAINER_INFO (COMPLAINER_ID, COMPLAINER_NAME, TIME_OF_COMPLAIN, AGE) VALUES (3002, 'MD. SATTAR', 'Afternoon', 45);
INSERT INTO COMPLAINER_INFO (COMPLAINER_ID, COMPLAINER_NAME, TIME_OF_COMPLAIN, AGE) VALUES (3003, 'MD. JAOHIRUL', 'Evening', 28);
INSERT INTO COMPLAINER_INFO (COMPLAINER_ID, COMPLAINER_NAME, TIME_OF_COMPLAIN, AGE) VALUES (3004, 'MD. KAMAL ', 'Morning', 62);
INSERT INTO COMPLAINER_INFO (COMPLAINER_ID, COMPLAINER_NAME, TIME_OF_COMPLAIN, AGE) VALUES (3005, 'ZOLEKHA BIBI', 'Afternoon', 29);

SELECT * FROM COMPLAINER_INFO

```

Results Explain Describe Saved SQL History

| COMPLAINER_ID | COMPLAINER_NAME | TIME_OF_COMPLAIN | AGE |
|---------------|-----------------|------------------|-----|
| 3001 | MD. HABIBUR | Morning | 35 |
| 3002 | MD. SATTAR | Afternoon | 45 |
| 3003 | MD. JAOHIRUL | Evening | 28 |
| 3004 | MD. KAMAL | Morning | 62 |
| 3005 | ZOLEKHA BIBI | Afternoon | 29 |

16.OFFICER_DETAILS:

```

INSERT INTO OFFICER_DETAILS (OFFICER_ID, OFFICER_NAME, RANK, DOB, AGE, CASE_ID) VALUES (1001, 'ABDUR SATTAR', 'ASI', '01-JAN-80', 41, 10001);
INSERT INTO OFFICER_DETAILS (OFFICER_ID, OFFICER_NAME, RANK, DOB, AGE, CASE_ID) VALUES (1002, 'AREFIN ISLAM', 'INSPECTOR', '05-MAY-85', 36, 10002);

```

```

INSERT INTO OFFICER_DETAILS (OFFICER_ID, OFFICER_NAME, RANK, DOB, AGE, CASE_ID) VALUES
(1003, 'RAFINUL HAQ', 'SUB INSPECTOR', '11-NOV-77', 44, 10003);
INSERT INTO OFFICER_DETAILS (OFFICER_ID, OFFICER_NAME, RANK, DOB, AGE, CASE_ID) VALUES
(1004, 'ABDUL MOTIN', 'SERGENT', '30-APR-75', 46, 10004);
INSERT INTO OFFICER_DETAILS (OFFICER_ID, OFFICER_NAME, RANK, DOB, AGE, CASE_ID) VALUES
(1005, 'MD. KUDDUS KHAN', 'ASP', '15-SEP-82', 48, 10005);

```

☒ Autocommit
 Display 10
 Save Run

```

INSERT INTO OFFICER_DETAILS (OFFICER_ID, OFFICER_NAME, RANK, DOB, AGE, CASE_ID) VALUES (1001, 'ABDUR SATTAR', 'ASI', '01-JAN-80', 41, 10001);
INSERT INTO OFFICER_DETAILS (OFFICER_ID, OFFICER_NAME, RANK, DOB, AGE, CASE_ID) VALUES (1002, 'AREFIN ISLAM', 'INSPECTOR', '05-MAY-85', 36, 10002);
INSERT INTO OFFICER_DETAILS (OFFICER_ID, OFFICER_NAME, RANK, DOB, AGE, CASE_ID) VALUES (1003, 'RAFINUL HAQ', 'SUB INSPECTOR', '11-NOV-77', 44, 10003);
INSERT INTO OFFICER_DETAILS (OFFICER_ID, OFFICER_NAME, RANK, DOB, AGE, CASE_ID) VALUES (1004, 'ABDUL MOTIN', 'SERGENT', '30-APR-75', 46, 10004);
INSERT INTO OFFICER_DETAILS (OFFICER_ID, OFFICER_NAME, RANK, DOB, AGE, CASE_ID) VALUES (1005, 'MD. KUDDUS KHAN', 'ASP', '15-SEP-82', 48, 10005);

SELECT * FROM OFFICER_DETAILS

```

Results Explain Describe Saved SQL History

| OFFICER_ID | OFFICER_NAME | RANK | DOB | AGE | CASE_ID |
|------------|-----------------|---------------|-----------|-----|---------|
| 1001 | ABDUR SATTAR | ASI | 01-JAN-80 | 41 | 10001 |
| 1002 | AREFIN ISLAM | INSPECTOR | 05-MAY-85 | 36 | 10002 |
| 1003 | RAFINUL HAQ | SUB INSPECTOR | 11-NOV-77 | 44 | 10003 |
| 1004 | ABDUL MOTIN | SERGENT | 30-APR-75 | 46 | 10004 |
| 1005 | MD. KUDDUS KHAN | ASP | 15-SEP-82 | 48 | 10005 |

17.CASE_DETAILS:

```

INSERT INTO CASE_DETAILS (CASE_ID, CASE_NAME, STATUS, DATE_OF_OCCURRENCE) VALUES
(10001, 'RobberyatBank', 'Open', '22-MAY-23');
INSERT INTO CASE_DETAILS (CASE_ID, CASE_NAME, STATUS, DATE_OF_OCCURRENCE) VALUES
(10002, 'Assault at Park', 'Closed', '15-APR-22');
INSERT INTO CASE_DETAILS (CASE_ID, CASE_NAME, STATUS, DATE_OF_OCCURRENCE) VALUES
(10003, 'Burglary at Home', 'Open', '10-MAY-22');
INSERT INTO CASE_DETAILS (CASE_ID, CASE_NAME, STATUS, DATE_OF_OCCURRENCE) VALUES
(10004, 'Fraud at Business', 'Closed', '20-MAR-22');
INSERT INTO CASE_DETAILS (CASE_ID, CASE_NAME, STATUS, DATE_OF_OCCURRENCE) VALUES
(10005, 'Murder', 'Open', '05-MAY-22');

```

☒ Autocommit
 Display 10
 Save Run

```

INSERT INTO CASE_DETAILS (CASE_ID, CASE_NAME, STATUS, DATE_OF_OCCURRENCE) VALUES (10001, 'RobberyatBank', 'Open', '22-MAY-23');
INSERT INTO CASE_DETAILS (CASE_ID, CASE_NAME, STATUS, DATE_OF_OCCURRENCE) VALUES (10002, 'Assault at Park', 'Closed', '15-APR-22');
INSERT INTO CASE_DETAILS (CASE_ID, CASE_NAME, STATUS, DATE_OF_OCCURRENCE) VALUES (10003, 'Burglary at Home', 'Open', '10-MAY-22');
INSERT INTO CASE_DETAILS (CASE_ID, CASE_NAME, STATUS, DATE_OF_OCCURRENCE) VALUES (10004, 'Fraud at Business', 'Closed', '20-MAR-22');
INSERT INTO CASE_DETAILS (CASE_ID, CASE_NAME, STATUS, DATE_OF_OCCURRENCE) VALUES (10005, 'Murder', 'Open', '05-MAY-22');

SELECT * FROM CASE_DETAILS

```

Results Explain Describe Saved SQL History

| CASE_ID | CASE_NAME | STATUS | DATE_OF_OCCURRENCE |
|---------|-------------------|--------|--------------------|
| 10004 | Fraud at Business | Closed | 20-MAR-22 |
| 10002 | Assault at Park | Closed | 15-APR-22 |
| 10001 | RobberyatBank | Open | 22-MAY-23 |
| 10003 | Burglary at Home | Open | 10-MAY-22 |
| 10005 | Murder | Open | 05-MAY-22 |

18. VICTIM_ADDRESS:

```

INSERT INTO VICTIM_ADDRESS (VICTIM_ID, ADDRESS_ID) VALUES (4001, 16);
INSERT INTO VICTIM_ADDRESS (VICTIM_ID, ADDRESS_ID) VALUES (4002, 17);
INSERT INTO VICTIM_ADDRESS (VICTIM_ID, ADDRESS_ID) VALUES (4003, 18);
INSERT INTO VICTIM_ADDRESS (VICTIM_ID, ADDRESS_ID) VALUES (4004, 19);
INSERT INTO VICTIM_ADDRESS (VICTIM_ID, ADDRESS_ID) VALUES (4005, 20);

```


Autocommit Display 10 Save Run

```

INSERT INTO VICTIM_ADDRESS (VICTIM_ID, ADDRESS_ID) VALUES (4001, 16);
INSERT INTO VICTIM_ADDRESS (VICTIM_ID, ADDRESS_ID) VALUES (4002, 17);
INSERT INTO VICTIM_ADDRESS (VICTIM_ID, ADDRESS_ID) VALUES (4003, 18);
INSERT INTO VICTIM_ADDRESS (VICTIM_ID, ADDRESS_ID) VALUES (4004, 19);
INSERT INTO VICTIM_ADDRESS (VICTIM_ID, ADDRESS_ID) VALUES (4005, 20);

SELECT * FROM VICTIM_ADDRESS

```

Results Explain Describe Saved SQL History

| VICTIM_ID | ADDRESS_ID |
|-----------|------------|
| 4002 | 17 |
| 4003 | 18 |
| 4004 | 19 |
| 4005 | 20 |
| 4001 | 16 |

19. VICTIM_PHONE:

```

INSERT INTO VICTIM_PHONE (VICTIM_ID, PHONE_NO) VALUES (4001, 01655551234);
INSERT INTO VICTIM_PHONE (VICTIM_ID, PHONE_NO) VALUES (4002, 01725552345);
INSERT INTO VICTIM_PHONE (VICTIM_ID, PHONE_NO) VALUES (4003, 01985553456);
INSERT INTO VICTIM_PHONE (VICTIM_ID, PHONE_NO) VALUES (4004, 01535554567);
INSERT INTO VICTIM_PHONE (VICTIM_ID, PHONE_NO) VALUES (4005, 01355555678);

```

Autocommit Display 10 Save Run

```

INSERT INTO VICTIM_PHONE (VICTIM_ID, PHONE_NO) VALUES (4001, 01655551234);
INSERT INTO VICTIM_PHONE (VICTIM_ID, PHONE_NO) VALUES (4002, 01725552345);
INSERT INTO VICTIM_PHONE (VICTIM_ID, PHONE_NO) VALUES (4003, 01985553456);
INSERT INTO VICTIM_PHONE (VICTIM_ID, PHONE_NO) VALUES (4004, 01535554567);
INSERT INTO VICTIM_PHONE (VICTIM_ID, PHONE_NO) VALUES (4005, 01355555678);

SELECT * FROM VICTIM_PHONE

```

Results Explain Describe Saved SQL History

| VICTIM_ID | PHONE_NO |
|-----------|------------|
| 4001 | 1655551234 |
| 4002 | 1725552345 |
| 4003 | 1985553456 |
| 4004 | 1535554567 |
| 4005 | 1355555678 |

20. VICTIM_DETAILS:

```

INSERT INTO VICTIM_DETAILS (VICTIM_ID, VICTIM_NAME, VICTIM_GENDER, AGE, OFFICER_ID)
VALUES (4001, 'MRS. JARINA', 'Female', 28, 1001);
INSERT INTO VICTIM_DETAILS (VICTIM_ID, VICTIM_NAME, VICTIM_GENDER, AGE, OFFICER_ID)
VALUES (4002, 'ABDUL LATIF', 'Male', 35, 1002);
INSERT INTO VICTIM_DETAILS (VICTIM_ID, VICTIM_NAME, VICTIM_GENDER, AGE, OFFICER_ID)
VALUES (4003, 'SAKHINA AKTER', 'Female', 21, 1003);
INSERT INTO VICTIM_DETAILS (VICTIM_ID, VICTIM_NAME, VICTIM_GENDER, AGE, OFFICER_ID)
VALUES (4004, 'NAEEM AHMED', 'Male', 42, 1004);
INSERT INTO VICTIM_DETAILS (VICTIM_ID, VICTIM_NAME, VICTIM_GENDER, AGE, OFFICER_ID)
VALUES (4005, 'NOOR ALI', 'Male', 31, 1005);

```


☒ Autocommit Display 10 Save Run

```
INSERT INTO VICTIM_DETAILS (VICTIM_ID, VICTIM_NAME, VICTIM_GENDER, AGE, OFFICER_ID) VALUES (4001, 'MRS. JARINA', 'Female', 28, 1001);
INSERT INTO VICTIM_DETAILS (VICTIM_ID, VICTIM_NAME, VICTIM_GENDER, AGE, OFFICER_ID) VALUES (4002, 'ABDUL LATIF', 'Male', 35, 1002);
INSERT INTO VICTIM_DETAILS (VICTIM_ID, VICTIM_NAME, VICTIM_GENDER, AGE, OFFICER_ID) VALUES (4003, 'SAKHINA AKTER', 'Female', 21, 1003);
INSERT INTO VICTIM_DETAILS (VICTIM_ID, VICTIM_NAME, VICTIM_GENDER, AGE, OFFICER_ID) VALUES (4004, 'NAEEM AHMED', 'Male', 42, 1004);
INSERT INTO VICTIM_DETAILS (VICTIM_ID, VICTIM_NAME, VICTIM_GENDER, AGE, OFFICER_ID) VALUES (4005, 'NOOR ALI', 'Male', 31, 1005);

SELECT * FROM VICTIM_DETAILS
```

Results Explain Describe Saved SQL History

| VICTIM_ID | VICTIM_NAME | VICTIM_GENDER | AGE | OFFICER_ID |
|-----------|---------------|---------------|-----|------------|
| 4001 | MRS. JARINA | Female | 28 | 1001 |
| 4002 | ABDUL LATIF | Male | 35 | 1002 |
| 4003 | SAKHINA AKTER | Female | 21 | 1003 |
| 4004 | NAEEM AHMED | Male | 42 | 1004 |
| 4005 | NOOR ALI | Male | 31 | 1005 |

21.ACCUSED_ADDRESS:

```
INSERT INTO ACCUSED_ADDRESS (ACCUSED_ID, ADDRESS_ID) VALUES (6001, 21);
INSERT INTO ACCUSED_ADDRESS (ACCUSED_ID, ADDRESS_ID) VALUES (6002, 22);
INSERT INTO ACCUSED_ADDRESS (ACCUSED_ID, ADDRESS_ID) VALUES (6003, 23);
INSERT INTO ACCUSED_ADDRESS (ACCUSED_ID, ADDRESS_ID) VALUES (6004, 24);
INSERT INTO ACCUSED_ADDRESS (ACCUSED_ID, ADDRESS_ID) VALUES (6005, 25);
```

☒ Autocommit Display 10 Save Run

```
INSERT INTO ACCUSED_ADDRESS (ACCUSED_ID, ADDRESS_ID) VALUES (6001, 21);
INSERT INTO ACCUSED_ADDRESS (ACCUSED_ID, ADDRESS_ID) VALUES (6002, 22);
INSERT INTO ACCUSED_ADDRESS (ACCUSED_ID, ADDRESS_ID) VALUES (6003, 23);
INSERT INTO ACCUSED_ADDRESS (ACCUSED_ID, ADDRESS_ID) VALUES (6004, 24);
INSERT INTO ACCUSED_ADDRESS (ACCUSED_ID, ADDRESS_ID) VALUES (6005, 25);

SELECT * FROM ACCUSED_ADDRESS
```

SELECT * FROM ACCUSED_ADDRESS

Results Explain Describe Saved SQL History

| ACCUSED_ID | ADDRESS_ID |
|------------|------------|
| 6002 | 22 |
| 6003 | 23 |
| 6004 | 24 |
| 6001 | 21 |
| 6005 | 25 |

22.ACCUSED_DETAILS:

```
INSERT INTO ACCUSED_DETAILS (ACCUSED_ID, ACCUSED_NAME, AGE, OFFICER_ID) VALUES (6001, 'JAHIR KHAN', 32, 1001);
INSERT INTO ACCUSED_DETAILS (ACCUSED_ID, ACCUSED_NAME, AGE, OFFICER_ID) VALUES (6002, 'HABIB KHAN', 25, 1002);
INSERT INTO ACCUSED_DETAILS (ACCUSED_ID, ACCUSED_NAME, AGE, OFFICER_ID) VALUES (6003, 'MOHIB KHAN', 47, 1003);
INSERT INTO ACCUSED_DETAILS (ACCUSED_ID, ACCUSED_NAME, AGE, OFFICER_ID) VALUES (6004, 'HASAN KHAN', 38, 1004);
INSERT INTO ACCUSED_DETAILS (ACCUSED_ID, ACCUSED_NAME, AGE, OFFICER_ID) VALUES (5, 'TAREQ RAHMAN', 29, 1005);
```

☒ Autocommit Display 10 Save Run

```
INSERT INTO ACCUSED_DETAILS (ACCUSED_ID, ACCUSED_NAME, AGE, OFFICER_ID) VALUES (6001, 'JAHIR KHAN', 32, 1001);
INSERT INTO ACCUSED_DETAILS (ACCUSED_ID, ACCUSED_NAME, AGE, OFFICER_ID) VALUES (6002, 'HABIB KHAN', 25, 1002);
INSERT INTO ACCUSED_DETAILS (ACCUSED_ID, ACCUSED_NAME, AGE, OFFICER_ID) VALUES (6003, 'MOHIB KHAN', 47, 1003);
INSERT INTO ACCUSED_DETAILS (ACCUSED_ID, ACCUSED_NAME, AGE, OFFICER_ID) VALUES (6004, 'HASAN KHAN', 38, 1004);
INSERT INTO ACCUSED_DETAILS (ACCUSED_ID, ACCUSED_NAME, AGE, OFFICER_ID) VALUES (6005, 'TAREQ RAHMAN', 29, 1005);

SELECT * FROM ACCUSED_ADDRESS
```

Results Explain Describe Saved SQL History

| ACCUSED_ID | ADDRESS_ID |
|------------|------------|
| 6002 | 22 |
| 6003 | 23 |
| 6004 | 24 |
| 6001 | 21 |
| 6005 | 25 |

23.WITNESS_ADDRESS:

```
INSERT INTO WITNESS_ADDRESS (WITNESS_ID, ADDRESS_ID) VALUES (7001, 26);
INSERT INTO WITNESS_ADDRESS (WITNESS_ID, ADDRESS_ID) VALUES (7002, 27);
INSERT INTO WITNESS_ADDRESS (WITNESS_ID, ADDRESS_ID) VALUES (7003, 28);
INSERT INTO WITNESS_ADDRESS (WITNESS_ID, ADDRESS_ID) VALUES (7004, 29);
INSERT INTO WITNESS_ADDRESS (WITNESS_ID, ADDRESS_ID) VALUES (7005, 30);
```

☒ Autocommit Display 10 Save Run

```
INSERT INTO WITNESS_ADDRESS (WITNESS_ID, ADDRESS_ID) VALUES (7001, 26);
INSERT INTO WITNESS_ADDRESS (WITNESS_ID, ADDRESS_ID) VALUES (7002, 27);
INSERT INTO WITNESS_ADDRESS (WITNESS_ID, ADDRESS_ID) VALUES (7003, 28);
INSERT INTO WITNESS_ADDRESS (WITNESS_ID, ADDRESS_ID) VALUES (7004, 29);
INSERT INTO WITNESS_ADDRESS (WITNESS_ID, ADDRESS_ID) VALUES (7005, 30);

SELECT * FROM WITNESS_ADDRESS
```

Results Explain Describe Saved SQL History

| WITNESS_ID | ADDRESS_ID |
|------------|------------|
| 7001 | 26 |
| 7002 | 27 |
| 7005 | 30 |
| 7003 | 28 |
| 7004 | 29 |

24.WITNESS_PHONE:

```
INSERT INTO WITNESS_PHONE (WITNESS_ID, PHONE_NO) VALUES (7001, 01834567890);
INSERT INTO WITNESS_PHONE (WITNESS_ID, PHONE_NO) VALUES (7002, 01345678901);
INSERT INTO WITNESS_PHONE (WITNESS_ID, PHONE_NO) VALUES (7003, 01456789012);
INSERT INTO WITNESS_PHONE (WITNESS_ID, PHONE_NO) VALUES (7004, 01567890123);
INSERT INTO WITNESS_PHONE (WITNESS_ID, PHONE_NO) VALUES (7005, 01678901234);
```

☒ Autocommit Display 10 Save Run

```
INSERT INTO WITNESS_PHONE (WITNESS_ID, PHONE_NO) VALUES (7001, 01834567890);
INSERT INTO WITNESS_PHONE (WITNESS_ID, PHONE_NO) VALUES (7002, 01345678901);
INSERT INTO WITNESS_PHONE (WITNESS_ID, PHONE_NO) VALUES (7003, 01456789012);
INSERT INTO WITNESS_PHONE (WITNESS_ID, PHONE_NO) VALUES (7004, 01567890123);
INSERT INTO WITNESS_PHONE (WITNESS_ID, PHONE_NO) VALUES (7005, 01678901234);

SELECT * FROM WITNESS_PHONE
```

Results Explain Describe Saved SQL History

| WITNESS_ID | PHONE_NO |
|------------|------------|
| 7001 | 1834567890 |
| 7002 | 1345678901 |
| 7003 | 1456789012 |
| 7005 | 1678901234 |
| 7004 | 1567890123 |

25.WITNESS_DETAILS:

```
INSERT INTO WITNESS_DETAILS (WITNESS_ID, WITNESS_NAME, AGE, CASE_ID)
VALUES (7001, 'SHAKIB KHAN', 45, 10001);
```

INSERT INTO WITNESS_DETAILS (WITNESS_ID, WITNESS_NAME, AGE, CASE_ID)
VALUES (7002, 'HACHINA BEGAM', 32, 10002);
INSERT INTO WITNESS_DETAILS (WITNESS_ID, WITNESS_NAME, AGE, CASE_ID)
VALUES (7003, 'MARUF SHARKAR', 28, 10002);
INSERT INTO WITNESS_DETAILS (WITNESS_ID, WITNESS_NAME, AGE, CASE_ID)
VALUES (7004, 'JASHIM UDDIN', 41, 10003);
INSERT INTO WITNESS_DETAILS (WITNESS_ID, WITNESS_NAME, AGE, CASE_ID)
VALUES (7005, 'FARUQ MIA', 50, 10005);

☒ Autocommit Display 10 Save Run

```
INSERT INTO WITNESS_DETAILS (WITNESS_ID, WITNESS_NAME, AGE, CASE_ID)VALUES (7001, 'SAKIB KHAN', 45, 10001);
INSERT INTO WITNESS_DETAILS (WITNESS_ID, WITNESS_NAME, AGE, CASE_ID)VALUES (7002, 'HACHINA BEGAM', 32, 10002);
INSERT INTO WITNESS_DETAILS (WITNESS_ID, WITNESS_NAME, AGE, CASE_ID)VALUES (7003, 'MARUF SARKAR', 28, 10002);
INSERT INTO WITNESS_DETAILS (WITNESS_ID, WITNESS_NAME, AGE, CASE_ID)VALUES (7004, 'JASHIM UDDIN', 41, 10003);
INSERT INTO WITNESS_DETAILS (WITNESS_ID, WITNESS_NAME, AGE, CASE_ID)VALUES (7005, 'FARUK MIA', 50, 10005);

SELECT * FROM WITNESS_DETAILS
```

Results Explain Describe Saved SQL History

| WITNESS_ID | WITNESS_NAME | AGE | CASE_ID |
|------------|---------------|-----|---------|
| 7001 | SAKIB KHAN | 45 | 10001 |
| 7002 | HACHINA BEGAM | 32 | 10002 |
| 7003 | MARUF SARKAR | 28 | 10002 |
| 7004 | JASHIM UDDIN | 41 | 10003 |
| 7005 | FARUK MIA | 50 | 10005 |

26.CRIMINAL_ADDRESS:

INSERT INTO CRIMINAL_ADDRESS (CRIMINAL_ID, ADDRESS_ID) VALUES (901, 31);
INSERT INTO CRIMINAL_ADDRESS (CRIMINAL_ID, ADDRESS_ID) VALUES (902, 32);
INSERT INTO CRIMINAL_ADDRESS (CRIMINAL_ID, ADDRESS_ID) VALUES (903, 33);
INSERT INTO CRIMINAL_ADDRESS (CRIMINAL_ID, ADDRESS_ID) VALUES (904, 34);
INSERT INTO CRIMINAL_ADDRESS (CRIMINAL_ID, ADDRESS_ID) VALUES (905, 35);

☒ Autocommit Display 10 Save Run

```
INSERT INTO CRIMINAL_ADDRESS (CRIMINAL_ID, ADDRESS_ID) VALUES (901, 31);
INSERT INTO CRIMINAL_ADDRESS (CRIMINAL_ID, ADDRESS_ID) VALUES (902, 32);
INSERT INTO CRIMINAL_ADDRESS (CRIMINAL_ID, ADDRESS_ID) VALUES (903, 33);
INSERT INTO CRIMINAL_ADDRESS (CRIMINAL_ID, ADDRESS_ID) VALUES (904, 34);
INSERT INTO CRIMINAL_ADDRESS (CRIMINAL_ID, ADDRESS_ID) VALUES (905, 35);

SELECT * FROM CRIMINAL_ADDRESS
```

Results Explain Describe Saved SQL History

| CRIMINAL_ID | ADDRESS_ID |
|-------------|------------|
| 904 | 34 |
| 901 | 31 |
| 902 | 32 |
| 903 | 33 |
| 905 | 35 |

27.CRIMINAL_PHONE:

INSERT INTO CRIMINAL_PHONE (CRIMINAL_ID, PHONE_NO) VALUES (901, 01234567890);
INSERT INTO CRIMINAL_PHONE (CRIMINAL_ID, PHONE_NO) VALUES (902, 01345678901);
INSERT INTO CRIMINAL_PHONE (CRIMINAL_ID, PHONE_NO) VALUES (903, 01345679012);
INSERT INTO CRIMINAL_PHONE (CRIMINAL_ID, PHONE_NO) VALUES (904, 01467890123);
INSERT INTO CRIMINAL_PHONE (CRIMINAL_ID, PHONE_NO) VALUES (905, 01578901234);

☒ Autocommit

Display 10

Save

Run

INSERT INTO CRIMINAL_PHONE (CRIMINAL_ID, PHONE_NO) VALUES (901, 01234567890);

INSERT INTO CRIMINAL_PHONE (CRIMINAL_ID, PHONE_NO) VALUES (902, 01345678901);

INSERT INTO CRIMINAL_PHONE (CRIMINAL_ID, PHONE_NO) VALUES (903, 01345679012);

INSERT INTO CRIMINAL_PHONE (CRIMINAL_ID, PHONE_NO) VALUES (904, 01467890123);

INSERT INTO CRIMINAL_PHONE (CRIMINAL_ID, PHONE_NO) VALUES (905, 01578901234);

SELECT * FROM CRIMINAL_PHONE

Results

Explain

Describe

Saved SQL

History

| CRIMINAL_ID | PHONE_NO |
|-------------|------------|
| 901 | 1234567890 |
| 902 | 1345678901 |
| 903 | 1345679012 |
| 904 | 1467890123 |
| 905 | 1578901234 |

28.CRIMINAL_DETAILS:

INSERT INTO CRIMINAL_DETAILS (CRIMINAL_ID, CRIMINAL_NAME, GENDER, AGE, CASE_ID) VALUES (901, 'KUDDUS', 'Male', 35, 10001);

INSERT INTO CRIMINAL_DETAILS (CRIMINAL_ID, CRIMINAL_NAME, GENDER, AGE, CASE_ID) VALUES (902, 'AKLIMA ', 'Female', 28, 10002);

INSERT INTO CRIMINAL_DETAILS (CRIMINAL_ID, CRIMINAL_NAME, GENDER, AGE, CASE_ID) VALUES (903, 'SAGOR', 'Male', 42, 10003);

INSERT INTO CRIMINAL_DETAILS (CRIMINAL_ID, CRIMINAL_NAME, GENDER, AGE, CASE_ID) VALUES (904, 'MARJINA ', 'Female', 24, 10004);

INSERT INTO CRIMINAL_DETAILS (CRIMINAL_ID, CRIMINAL_NAME, GENDER, AGE, CASE_ID) VALUES (905, 'PICCHI HANNAN', 'Male', 29, 10005);

☒ Autocommit

Display 10

Save

Run

INSERT INTO CRIMINAL_DETAILS (CRIMINAL_ID, CRIMINAL_NAME, GENDER, AGE, CASE_ID) VALUES (901, 'KUDDUS', 'Male', 35, 10001);

INSERT INTO CRIMINAL_DETAILS (CRIMINAL_ID, CRIMINAL_NAME, GENDER, AGE, CASE_ID) VALUES (902, 'AKLIMA ', 'Female', 28, 10002);

INSERT INTO CRIMINAL_DETAILS (CRIMINAL_ID, CRIMINAL_NAME, GENDER, AGE, CASE_ID) VALUES (903, 'SAGOR', 'Male', 42, 10003);

INSERT INTO CRIMINAL_DETAILS (CRIMINAL_ID, CRIMINAL_NAME, GENDER, AGE, CASE_ID) VALUES (904, 'MARJINA ', 'Female', 24, 10004);

INSERT INTO CRIMINAL_DETAILS (CRIMINAL_ID, CRIMINAL_NAME, GENDER, AGE, CASE_ID) VALUES (905, 'PICCHI HANNAN', 'Male', 29, 10005);

SELECT * FROM CRIMINAL_DETAILS

Results

Explain

Describe

Saved SQL

History

| CRIMINAL_ID | CRIMINAL_NAME | GENDER | AGE | CASE_ID |
|-------------|---------------|--------|-----|---------|
| 902 | AKLIMA | Female | 28 | 10002 |
| 903 | SAGOR | Male | 42 | 10003 |
| 904 | MARJINA | Female | 24 | 10004 |
| 905 | PICCHI HANNAN | Male | 29 | 10005 |
| 901 | KUDDUS | Male | 35 | 10001 |

29.EVIDENCE_LOCATION:

INSERT INTO EVIDENCE_LOCATION (EVIDENCE_ID, LOCATION) VALUES (3001,'Crime Scene A');

INSERT INTO EVIDENCE_LOCATION (EVIDENCE_ID, LOCATION) VALUES (3002,'Crime Scene B');

INSERT INTO EVIDENCE_LOCATION (EVIDENCE_ID, LOCATION) VALUES (3003,'Crime Scene C');

INSERT INTO EVIDENCE_LOCATION (EVIDENCE_ID, LOCATION) VALUES (3004,'Crime Scene D');

INSERT INTO EVIDENCE_LOCATION (EVIDENCE_ID, LOCATION) VALUES (3005,'Crime Scene E');

Autocommit

Display 10

Save

Run

INSERT INTO EVIDENCE_LOCATION (EVIDENCE_ID, LOCATION) VALUES (3001,'Crime Scene A');

INSERT INTO EVIDENCE_LOCATION (EVIDENCE_ID, LOCATION) VALUES (3002,'Crime Scene B');

INSERT INTO EVIDENCE_LOCATION (EVIDENCE_ID, LOCATION) VALUES (3003,'Crime Scene C');

INSERT INTO EVIDENCE_LOCATION (EVIDENCE_ID, LOCATION) VALUES (3004,'Crime Scene D');

INSERT INTO EVIDENCE_LOCATION (EVIDENCE_ID, LOCATION) VALUES (3005,'Crime Scene E');

SELECT * FROM EVIDENCE_LOCATION

Results

Explain

Describe

Saved SQL

History

| EVIDENCE_ID | LOCATION |
|-------------|---------------|
| 3005 | Crime Scene E |
| 3001 | Crime Scene A |
| 3002 | Crime Scene B |
| 3003 | Crime Scene C |
| 3004 | Crime Scene D |

30.EVIDENCE_DETAILS:

INSERT INTO EVIDENCE_DETAILS (EVIDENCE_ID, DESCRIPTION, CASE_ID) VALUES (3001, 'Bloody knife found', 10001);

INSERT INTO EVIDENCE_DETAILS (EVIDENCE_ID, DESCRIPTION, CASE_ID) VALUES (3002, 'Footprints at the scene', 10002);

INSERT INTO EVIDENCE_DETAILS (EVIDENCE_ID, DESCRIPTION, CASE_ID) VALUES (3003, 'Fingerprints on the window', 10003);

INSERT INTO EVIDENCE_DETAILS (EVIDENCE_ID, DESCRIPTION, CASE_ID) VALUES (3004, 'DNA evidence from the car', 10004);

INSERT INTO EVIDENCE_DETAILS (EVIDENCE_ID, DESCRIPTION, CASE_ID) VALUES (3005, 'Security footage from the building', 10005);

Autocommit

Display 10

Save

Run

INSERT INTO EVIDENCE_DETAILS (EVIDENCE_ID, DESCRIPTION, CASE_ID) VALUES (3001, 'Bloody knife found', 10001);

INSERT INTO EVIDENCE_DETAILS (EVIDENCE_ID, DESCRIPTION, CASE_ID) VALUES (3002, 'Footprints at the scene', 10002);

INSERT INTO EVIDENCE_DETAILS (EVIDENCE_ID, DESCRIPTION, CASE_ID) VALUES (3003, 'Fingerprints on the window', 10003);

INSERT INTO EVIDENCE_DETAILS (EVIDENCE_ID, DESCRIPTION, CASE_ID) VALUES (3004, 'DNA evidence from the car', 10004);

INSERT INTO EVIDENCE_DETAILS (EVIDENCE_ID, DESCRIPTION, CASE_ID) VALUES (3005, 'Security footage from building', 10005);

SELECT * FROM EVIDENCE_DETAILS

Results

Explain

Describe

Saved SQL

History

| EVIDENCE_ID | DESCRIPTION | CASE_ID |
|-------------|--------------------------------|---------|
| 3003 | Fingerprints on the window | 10003 |
| 3005 | Security footage from building | 10005 |
| 3001 | Bloody knife found | 10001 |
| 3002 | Footprints at the scene | 10002 |
| 3004 | DNA evidence from the car | 10004 |

31.CELL_DETAILS:

INSERT INTO CELL_DETAILS (CELL_ID, TYPE, NO_OF_CRIMINAL, CASE_ID) VALUES (1101, 'High Security', 5, 10001);

INSERT INTO CELL_DETAILS (CELL_ID, TYPE, NO_OF_CRIMINAL, CASE_ID) VALUES (1102, 'Medium Security', 3, 10002);

INSERT INTO CELL_DETAILS (CELL_ID, TYPE, NO_OF_CRIMINAL, CASE_ID) VALUES (1103, 'Low Security', 2, 10003);

INSERT INTO CELL_DETAILS (CELL_ID, TYPE, NO_OF_CRIMINAL, CASE_ID) VALUES (1104, 'High Security', 4, 10004);

INSERT INTO CELL_DETAILS (CELL_ID, TYPE, NO_OF_CRIMINAL, CASE_ID) VALUES (1105, 'Medium Security', 3, 10005);

☒ Autocommit
 Display 10
 Save
Run

```

INSERT INTO CELL_DETAILS (CELL_ID, TYPE, NO_OF_CRIMINAL, CASE_ID) VALUES (1101, 'High Security', 5, 10001);
INSERT INTO CELL_DETAILS (CELL_ID, TYPE, NO_OF_CRIMINAL, CASE_ID) VALUES (1102, 'Medium Security', 3, 10002);
INSERT INTO CELL_DETAILS (CELL_ID, TYPE, NO_OF_CRIMINAL, CASE_ID) VALUES (1103, 'Low Security', 2, 10003);
INSERT INTO CELL_DETAILS (CELL_ID, TYPE, NO_OF_CRIMINAL, CASE_ID) VALUES (1104, 'High Security', 4, 10004);
INSERT INTO CELL_DETAILS (CELL_ID, TYPE, NO_OF_CRIMINAL, CASE_ID) VALUES (1105, 'Medium Security', 3, 10005);

SELECT * FROM CELL_DETAILS
    
```

Results
Explain
Describe
Saved SQL
History

| CELL_ID | TYPE | NO_OF_CRIMINAL | CASE_ID |
|---------|-----------------|----------------|---------|
| 1101 | High Security | 5 | 10001 |
| 1102 | Medium Security | 3 | 10002 |
| 1103 | Low Security | 2 | 10003 |
| 1104 | High Security | 4 | 10004 |
| 1105 | Medium Security | 3 | 10005 |

QUERY WRITING

SINGLE ROW FUNCTION:

- Show the OFFICER NAME and DATE OF BIRTH from the OFFICER_INFO TABLE in reversed order (descending)

```

Select officer_name, dob, age
From officer_info
Order by age desc;
    
```

☒ Autocommit
 Display 10
 Save
Run

```

Select officer_name, dob, age
From officer_info
Order by age desc;
    
```

Results
Explain
Describe
Saved SQL
History

| OFFICER_NAME | DOB | AGE |
|---------------|-----------|-----|
| MD KUDUS KHAN | 15-SEP-82 | 48 |
| ABDUL MOTIN | 30-APR-75 | 46 |
| RAFINUL HAQ | 11-NOV-77 | 44 |
| ABDUR SATTAR | 01-JAN-80 | 41 |
| AREFIN ISLAM | 05-MAY-85 | 36 |

- Show the OFFICER NAME and OFFICER ID from the OFFICER_INFO TABLE where Rank is ASI.

```

Select officer_id, officer_name
From officer_info
Where rank = 'ASI'
    
```

☒ Autocommit
 Display 10
 Save
Run

```

Select officer_id, officer_name
From officer_info
Where rank = 'ASI'
    
```

Results
Explain
Describe
Saved SQL
History

| OFFICER_ID | OFFICER_NAME |
|------------|--------------|
| 1001 | ABDUR SATTAR |

GROUP FUNCTION:

1. Display the maximum, minimum and avg age of complainer.

Select max(age), min(age), avg(age)

From complainer_info;

| | | | |
|--|------------|----------|-----|
| <input checked="" type="checkbox"/> Autocommit | Display 10 | Save | Run |
| <pre>Select max(age), min(age), avg(age) From complainer_info;</pre> | | | |
| Results Explain Describe Saved SQL History | | | |
| MAX(AGE) | MIN(AGE) | AVG(AGE) | |
| 62 | 28 | 39.8 | |

2. Display the victim gender group having maximum age .

Select VICTIM_GENDER, MAX(AGE)

From VICTIM_DETAILS

Group by VICTIM_GENDER

| | | | |
|---|------------|------|-----|
| <input checked="" type="checkbox"/> Autocommit | Display 10 | Save | Run |
| <pre>Select VICTIM_GENDER,MAX(AGE) From VICTIM_DETAILS Group by VICTIM_GENDER</pre> | | | |
| Results Explain Describe Saved SQL History | | | |
| VICTIM_GENDER | MAX(AGE) | | |
| Male | 42 | | |
| Female | 28 | | |

SUBOUERY:

1. Display the name and Rank of all officer who are older than 'Arefin Islam'.

Select officer_name, Rank

From officer_info

Where dob < (select dob

From officer_info

Where officer_name = 'AREFIN ISLAM')

| | | | |
|---|---------------|------|-----|
| <input checked="" type="checkbox"/> Autocommit | Display 10 | Save | Run |
| <pre>Select officer_name, Rank From officer_info Where dob < (select dob From officer_info Where officer_name = 'AREFIN ISLAM')</pre> | | | |
| Results Explain Describe Saved SQL History | | | |
| OFFICER_NAME | RANK | | |
| ABDUR SATTAR | ASI | | |
| RAFINUL HAQ | SUB INSPECTOR | | |
| ABDUL MOTIN | SERGEANT | | |
| MD. KUDDUS KHAN | ASP | | |

2. Display the case id and status of all cases where occurrence date is greater than 'Murder'

```

Select case_id, status
From case_details
Where date_of_occurrence > (select date_of_occurrence
                             From case_details
                             Where case_name = 'Murder')

```

| | | | |
|--|------------|------|-----|
| <input checked="" type="checkbox"/> Autocommit | Display 10 | Save | Run |
|--|------------|------|-----|

```

Select case_id, status
From case_details
Where date_of_occurrence > (select date_of_occurrence
                             From case_details
                             Where case_name = 'Murder')

```

| | | | | |
|---------|---------|----------|-----------|---------|
| Results | Explain | Describe | Saved SQL | History |
|---------|---------|----------|-----------|---------|

| CASE_ID | STATUS |
|---------|--------|
| 10001 | Open |
| 10003 | Open |

JOINING

1.Display all the officer details with their department name.

```

SELECT OFFICER_DETAILS.OFFICER_NAME, OFFICER_DETAILS.RANK, OFFICER_DETAILS.DOB,
OFFICER_DETAILS.AGE,
DEPARTMENT_INFO.DEPARTMENT_ID, DEPARTMENT_INFO.DEPARTMENT_NAME
FROM OFFICER_DETAILS, DEPARTMENT_INFO
WHERE OFFICER_DETAILS.OFFICER_ID=DEPARTMENT_INFO.OFFICER_ID;

```

| | | | |
|--|------------|------|-----|
| <input checked="" type="checkbox"/> Autocommit | Display 10 | Save | Run |
|--|------------|------|-----|

```

SELECT OFFICER_DETAILS.OFFICER_NAME, OFFICER_DETAILS.RANK, OFFICER_DETAILS.DOB, OFFICER_DETAILS.AGE,
DEPARTMENT_INFO.DEPARTMENT_ID, DEPARTMENT_INFO.DEPARTMENT_NAME
FROM OFFICER_DETAILS, DEPARTMENT_INFO
WHERE OFFICER_DETAILS.OFFICER_ID=DEPARTMENT_INFO.OFFICER_ID;

```

| | | | | |
|---------|---------|----------|-----------|---------|
| Results | Explain | Describe | Saved SQL | History |
|---------|---------|----------|-----------|---------|

| OFFICER_NAME | RANK | DOB | AGE | DEPARTMENT_ID | DEPARTMENT_NAME |
|-----------------|---------------|-----------|-----|---------------|--------------------|
| ABDUR SATTAR | ASI | 01-JAN-80 | 41 | 1 | Criminal |
| AREFIN ISLAM | INSPECTOR | 05-MAY-85 | 36 | 2 | Traffic Department |
| RAFINUL HAQ | SUB INSPECTOR | 11-NOV-77 | 44 | 3 | Special Branch |
| ABDUL MOTIN | SERGEANT | 30-APR-75 | 46 | 4 | IT |
| MD. KUDDUS KHAN | ASP | 15-SEP-82 | 48 | 5 | Community Policing |

2.Display all the address with staff id.

```

SELECT      A.HOUSE_NO,A.ROAD_NO,A.CITY,S.Staff_ID,S.ADDRESS_ID
FROM STAFF_ADDRESS S, ADDRESS A
WHERE      A.ADDRESS_ID = S.ADDRESS_ID(+)

```


| | | | | |
|--|---------|----|-------------------------------------|------------------------------------|
| <input checked="" type="checkbox"/> Autocommit | Display | 10 | <input type="button" value="Save"/> | <input type="button" value="Run"/> |
|--|---------|----|-------------------------------------|------------------------------------|


```

SELECT  A.HOUSE_NO,A.ROAD_NO,A.CITY,S.Staff_ID,S.ADDRESS_ID
FROM    STAFF_ADDRESS S, ADDRESS A
WHERE   A.ADDRESS_ID = S.ADDRESS_ID(+)

```


| | | | | |
|----------------|---------|----------|-----------|---------|
| Results | Explain | Describe | Saved SQL | History |
|----------------|---------|----------|-----------|---------|

| HOUSE_NO | ROAD_NO | CITY | STAFF_ID | ADDRESS_ID |
|----------|---------|-------------|----------|------------|
| 123 | 4567 | Gulshan | 201 | 1 |
| 456 | 7890 | Banani | 202 | 2 |
| 789 | 1234 | Baridhara | 203 | 3 |
| 321 | 5678 | Dhanmondi | 204 | 4 |
| 650 | 9003 | Uttara | 205 | 5 |
| 660 | 9013 | Rampura | - | - |
| 671 | 9024 | Jatrabari | - | - |
| 655 | 9008 | Shantinagar | - | - |
| 666 | 9019 | Lalbag | - | - |
| 663 | 9016 | Tejgaon | - | - |

More than 10 rows available. Increase rows selector to view more rows

3. DISPLAY ALL THE CRIMINAL ADDRESS.

```

SELECT CRIMINAL_ADDRESS.CRIMINAL_ID , ADDRESS.HOUSE_NO, ADDRESS.ROAD_NO,
ADDRESS.CITY
FROM  CRIMINAL_ADDRESS, ADDRESS
WHERE CRIMINAL_ADDRESS.ADDRESS_ID=ADDRESS.ADDRESS_ID;

```

| | | | | |
|--|---------|----|-------------------------------------|------------------------------------|
| <input checked="" type="checkbox"/> Autocommit | Display | 10 | <input type="button" value="Save"/> | <input type="button" value="Run"/> |
|--|---------|----|-------------------------------------|------------------------------------|


```

SELECT  CRIMINAL_ADDRESS.CRIMINAL_ID , ADDRESS.HOUSE_NO, ADDRESS.ROAD_NO, ADDRESS.CITY
FROM    CRIMINAL_ADDRESS, ADDRESS
WHERE   CRIMINAL_ADDRESS.ADDRESS_ID=ADDRESS.ADDRESS_ID;

```


| | | | | |
|----------------|---------|----------|-----------|---------|
| Results | Explain | Describe | Saved SQL | History |
|----------------|---------|----------|-----------|---------|

| CRIMINAL_ID | HOUSE_NO | ROAD_NO | CITY |
|-------------|----------|---------|----------|
| 901 | 676 | 9029 | shyamoli |
| 902 | 677 | 9030 | Adabor |
| 903 | 678 | 9031 | Adabor |
| 904 | 679 | 9032 | Kafnol |
| 905 | 680 | 9033 | Shahbagh |

VIEW:

1.Create a view called open cases based on case id , case name, date of occurrence.

```

CREATE VIEW  OPEN_CASES
AS SELECT CASE_ID, CASE_NAME, DATE_OF_OCCURRENCE
FROM CASE_DETAILS
WHERE        STATUS = 'Open';
SELECT * FROM CASE_DETAILS

```

| | | | | |
|---|------------------|--------------------|------|-----|
| Autocommit Display 10 | | | Save | Run |
| <pre> CREATE VIEW OPEN_CASES AS SELECT CASE_ID, CASE_NAME, DATE_OF_OCCURRENCE FROM CASE_DETAILS WHERE STATUS = 'Open'; SELECT * FROM OPEN_CASES </pre> | | | | |
| Results Explain Describe Saved SQL History | | | | |
| CASE_ID | CASE_NAME | DATE_OF_OCCURRENCE | | |
| 10001 | RobberyatBank | 22-MAY-23 | | |
| 10003 | Burglary at Home | 10-MAY-22 | | |
| 10005 | Murder | 05-MAY-22 | | |

2.Create a view of all male victim based on victim id, victim name and their age.

```

CREATE VIEW MALE_VICTIM
AS SELECT VICTIM_ID, VICTIM_NAME, AGE
FROM VICTIM_DETAILS
WHERE VICTIM_GENDER = 'Male';
SELECT * FROM MALE_VICTIM

```

| | | | | |
|---|-------------|-----|------|-----|
| Autocommit Display 10 | | | Save | Run |
| <pre> CREATE VIEW MALE_VICTIM AS SELECT VICTIM_ID, VICTIM_NAME, AGE FROM VICTIM_DETAILS WHERE VICTIM_GENDER = 'Male'; SELECT * FROM MALE_VICTIM </pre> | | | | |
| Results Explain Describe Saved SQL History | | | | |
| VICTIM_ID | VICTIM_NAME | AGE | | |
| 4002 | ABDUL LATIF | 35 | | |
| 4004 | NAEEM AHMED | 42 | | |
| 4005 | NOORALI | 31 | | |

Conclusion:

In conclusion, the police station management system is an essential tool that can help law enforcement agencies manage their operations more efficiently. With the help of a well-designed database, police officers can track and manage cases, maintain records of accused, witnesses, and evidence, and keep track of cell details. Additionally, the database ensures that the police station's operations are streamlined, which helps them serve their communities better. The database we designed for this project includes 31 tables, all interconnected, to provide comprehensive data management capabilities for the police station. The system has been designed with efficiency, accuracy, and security in mind, with multiple levels of access to ensure that sensitive information is only available to authorized personnel. Overall, this project demonstrates the potential for modern technology to enhance the efficiency and effectiveness of law enforcement agencies. By providing a well-designed database that meets the specific needs of the police station, we hope to contribute to the development of more sophisticated and effective tools for managing law enforcement operations.