**TABLES REQUIRED :-**

CREATE TABLE Petitioner\_T(

NIC VARCHAR2(15) NOT NULL,

Name VARCHAR2(50) NOT NULL,

Father\_name VARCHAR2(50),

Address VARCHAR2(100),

Contact NUMBER(12,0),

CONSTRAINT Petitioner\_PK PRIMARY KEY(NIC,Name)

);

CREATE TABLE Victim\_T (

Name VARCHAR2(50) NOT NULL,

Address VARCHAR2(100) NOT NULL,

Father\_name VARCHAR2(50),

Contact NUMBER(12,0),

CONSTRAINT Victim\_PK PRIMARY KEY(Name,Address)

);

CREATE TABLE Investigation\_officer\_T(

Officer\_id VARCHAR2(15) NOT NULL,

Name VARCHAR2(50),

Rank VARCHAR2(5),

CONSTRAINT Investigation\_officer\_PK PRIMARY KEY(Officer\_id)

);

CREATE TABLE FIR\_T(

FIR\_id NUMBER(5,0) NOT NULL,

Incident\_date DATE NOT NULL,

Incident\_time TIMESTAMP,

Incident\_place VARCHAR2(30),

Time\_lodged TIMESTAMP DEFAULT SYSDATE,

Date\_lodged DATE NOT NULL,

Petitioner\_id VARCHAR2(15),

Victim\_Name VARCHAR2(50),

Victim\_Address VARCHAR2(100),

Case\_id NUMBER(10,0),

Petitioner\_Name VARCHAR2(50),

CONSTRAINT FIR\_PK PRIMARY KEY(FIR\_id),

CONSTRAINT FIR\_FK1 FOREIGN KEY(victim\_name,victim\_address)

REFERENCES Victim\_T(name,address),

CONSTRAINT FIR\_FK2 FOREIGN KEY(Petitioner\_id,Petitioner\_Name)

REFERENCES Petitioner\_T(NIC,Name)

);

CREATE TABLE Case\_T(

Case\_id NUMBER(10,0) NOT NULL,

Case\_status CHAR(1) CHECK(Case\_status IN('c','o')),

Case\_Detail LONG,

Section\_of\_law VARCHAR2(6),

FIR\_ID NUMBER(5,0),

Officer\_id VARCHAR2(15),

CONSTRAINT Case\_PK PRIMARY KEY(Case\_id),

CONSTRAINT Case\_FK1 FOREIGN KEY(Fir\_id)REFERENCES FIR\_T(FIR\_id),

CONSTRAINT Case\_FK2 FOREIGN KEY(Officer\_id)REFERENCES

Investigation\_officer\_T(Officer\_id)

);

CREATE TABLE Accused\_T(

Accused\_ID NUMBER(5,0) NOT NULL,

Name VARCHAR2(50),

Father\_name VARCHAR2(50),

Age NUMBER(3,0) CHECK(Age<150),

Gender CHAR(1) CHECK(Gender IN('m','f')),

NIC VARCHAR2(15),

Email VARCHAR2(50) UNIQUE,

FIR\_ID NUMBER(5,0),

CONSTRAINT Accused\_PK PRIMARY KEY(Accused\_ID),

CONSTRAINT Accused\_FK FOREIGN KEY(FIR\_ID ) REFERENCES

FIR\_T(FIR\_ID)

);