CREATE DATABASE PROJECT;

USE PROJECT;

CREATE TABLE AIRLINES (

AID VARCHAR (5) PRIMARY KEY,

ANAME VARCHAR (20));

CREATE TABLE AIRLINE\_CONTACTS(

AID VARCHAR (5),

CONTACT\_NO BIGINT (10),

FOREIGN KEY (AID) REFERENCES AIRLINES (AID) ON DELETE CASCADE,

PRIMARY KEY (AID, CONTACT\_NO));

CREATE TABLE FLIGHT(

FLIGHT\_NO VARCHAR (5) PRIMARY KEY,

GATE INT (2),

ORIGIN VARCHAR (20),

DEST VARCHAR (20),

AID VARCHAR (5),

FOREIGN KEY (AID) REFERENCES AIRLINES (AID) ON DELETE CASCADE);

CREATE TABLE FLIGHT\_CREW(

FLIGHT\_NO VARCHAR (5),

MEMBER\_NAME VARCHAR (20),

FOREIGN KEY (FLIGHT\_NO) REFERENCES FLIGHT (FLIGHT\_NO) ON DELETE CASCADE,

PRIMARY KEY (FLIGHT\_NO, MEMBER\_NAME));

CREATE TABLE FLIGHT\_PILOT(

FLIGHT\_NO VARCHAR (5),

PILOT\_NAME VARCHAR (20),

FOREIGN KEY (FLIGHT\_NO) REFERENCES FLIGHT (FLIGHT\_NO) ON DELETE CASCADE,

PRIMARY KEY (FLIGHT\_NO, PILOT\_NAME));

CREATE TABLE CRIMINALS(

SSID VARCHAR (10) PRIMARY KEY,

CNAME VARCHAR (20),

FLAG VARCHAR (6),

NATION VARCHAR (20)

);

CREATE TABLE PASSENGER\_MANAGEMENT(

SSID VARCHAR (10) PRIMARY KEY,

PNAME VARCHAR (20),

NATION VARCHAR (20),

VISA VARCHAR (20),

DECLARATIONS VARCHAR (12),

FLAG VARCHAR (6),

FLIGHT\_NO VARCHAR (5),

FOREIGN KEY (FLIGHT\_NO) REFERENCES FLIGHT (FLIGHT\_NO) ON DELETE CASCADE);

CREATE TABLE PASSENGER\_CONTACTS(

SSID VARCHAR (10),

CONTACT\_NO BIGINT (10),

FOREIGN KEY (SSID) REFERENCES PASSENGER\_MANAGEMENT (SSID) ON DELETE CASCADE,

PRIMARY KEY (SSID, CONTACT\_NO));

INSERT INTO AIRLINES VALUES

('45962', 'INDIAN AIRWAYS'),

('20064', 'BRITISH AIRWAYS'),

('59764', 'SRILANKAN AIRWAYS'),

('26485', 'FRENCH AIRLINES'),

('12564', 'KOREAN AIRLINES');

INSERT INTO AIRLINE\_CONTACTS VALUES

('45962', '9988665544'),

('45962', '9984565794'),

('20064', '1025346547'),

('59764', '6758420148'),

('26485', '5634052785'),

('26485', '5528675654'),

('12564', '2254864567');

INSERT INTO FLIGHT VALUES

('20035', '5', 'NEW DELHI', 'KOLKOTA', '45962'),

('24654', '6', 'MUMBAI', 'JAMAICA', '45962'),

('53164', '2', 'NEW DELHI', 'PETTERSBURG', '20064'),

('10001', '11', 'LONDON', 'KOLKOTA', '20064'),

('59764', '3', 'NEW DELHI', 'COLOMBO', '59764'),

('78965', '8', 'COLOMBO', 'NEW DELHI', '59764'),

('13542', '1', 'PYONGYANG', 'CHENNAI', '12564'),

('67584', '20', 'PARIS', 'NEW DELHI', '26485');

INSERT INTO FLIGHT\_CREW VALUES

('20035', 'SHYAM SUNDAR'),

('20035', 'AKHILESH'),

('53164', 'JOHN SMITH'),

('53164', 'JANE SMITH'),

('53164', 'SCOTT JAMES');

INSERT INTO FLIGHT\_PILOT VALUES

('20035', 'SHYAM SUNDAR'),

('20035', 'AKHILESH'),

('53164', 'JOHN SMITH'),

('53164', 'JANE SMITH');

INSERT INTO PASSENGER\_CONTACTS VALUES

('2165498754', '9456123265'),

('3542568465', '5645461222'),

('4535624312', '1234567890'),

('6542646544', '6828446254');