CREATE TABLE airline(

AIRLINE\_ID VARCHAR(10) PRIMARY KEY,

AIRLINE\_NAME VARCHAR(50));

CREATE TABLE airport(

A\_NAME VARCHAR(50) PRIMARY KEY,

STATE VARCHAR(30) NOT NULL,

COUNTRY VARCHAR(30) NOT NULL,

C\_NAME VARCHAR(30) REFERENCES city(C\_NAME));

CREATE TABLE city(

C\_NAME VARCHAR(30) PRIMARY KEY,

STATE VARCHAR(30) NOT NULL,

COUNTRY VARCHAR(30));

CREATE TABLE contains(

A\_NAME VARCHAR(50) REFERENCES airport(A\_NAME),

AIRLINE\_ID VARCHAR(10) REFERENCES airline(AIRLINE\_ID));

CREATE TABLE flight(

SOURCE VARCHAR(30) NOT NULL,

DESTINATION VARCHAR(30) NOT NULL,

DEPARTURE VARCHAR(5),

ARRIVAL VARCHAR(5),

DURATION VARCHAR(5),

FLIGHT\_CODE CHAR(10) PRIMARY KEY,

AIRLINE\_ID VARCHAR(10) REFERENCES airline(AIRLINE\_ID),

PRICE\_BUSINESS INT(15),

PRICE\_ECONOMY INT(15),

PRICE\_STUDENTS INT(15),

PRICE\_DIFFERENTLYABLED INT(15),

DATE DATE NOT NULL);

CREATE TABLE passenger(

FNAME VARCHAR(50) NOT NULL,

MNAME VARCHAR(50),

LNAME VARCHAR(50) NOT NULL,

PASSPORT\_NO CHAR(8) PRIMARY KEY,

AGE INT(3),

SEX CHAR(1),

PHONE CHAR(10),

ADDRESS VARCHAR(50),

FLIGHT\_CODE CHAR(10) REFERENCES flight(FLIGHT\_CODE));

CREATE TABLE ticket(

TICKET\_NO INT AUTO\_INCREMENT PRIMARY KEY,

PRICE INT(15),

SOURCE VARCHAR(30),

DESTINATION VARCHAR(30),

DATE\_OF\_TRAVEL DATE,

PASSPORT\_NO CHAR(8) REFERENCES passenger(PASSPORT\_NO),

FLIGHT\_CODE CHAR(10) REFERENCES flight(FLIGHT\_CODE),

TYPE VARCHAR(30));