CREATE TABLE Passenger (

PassengerID integer,

Name VARCHAR(32),

MrMrs VARCHAR(3),

Title VARCHAR(32),

PRIMARY KEY (PassengerID));

CREATE TABLE Airport (

AirportCode VARCHAR(3),

Name VARCHAR(32),

City VARCHAR(32),

Country VARCHAR(32),

Capacity integer,

PRIMARY KEY (AirportCode));

CREATE TABLE Airline (

AirlineCode VARCHAR(3),

HeadQuarters VARCHAR(32),

Name VARCHAR(32),

PRIMARY KEY (AirlineCode));

CREATE TABLE Aircraft (

AircraftNR integer,

Name VARCHAR(32),

InternationalRegistrationNumber integer,

DateOfEntryInService date,

FlightRange integer,

Manifacturer VARCHAR(32),

AirlineCode VARCHAR(3),

FOREIGN KEY (AirlineCode) REFERENCES airline (AirlineCode),

PRIMARY KEY (AircraftNR));

CREATE TABLE SeatRow (

RowNR integer,

Class VARCHAR(32),

AircraftNR integer,

FOREIGN KEY (AircraftNR) REFERENCES aircraft (AircraftNR),

PRIMARY KEY (RowNR, AircraftNR));

CREATE TABLE Seat (

SeatLetter CHARACTER(1),

SeatFunction VARCHAR(32),

RowNR integer,

AircraftNR integer,

FOREIGN KEY (RowNR) REFERENCES seatrow (RowNR),

FOREIGN KEY (AircraftNR) REFERENCES seatrow (AircraftNR),

PRIMARY KEY (SeatLetter, RowNR, AircraftNR));

CREATE TABLE Ticket (

TicketNR integer,

PassengerID integer,

Currency CHARACTER(3),

Price double,

DateOfIssue date,

SalesOffice VARCHAR(32),

FOREIGN KEY (PassengerID) REFERENCES passenger (PassengerID),

PRIMARY KEY (TicketNR));

CREATE TABLE BoardingCard (

BoardingCardID integer,

BoardingDate date,

SeatLetter CHARACTER(1),

RowNR integer,

TicketNR integer,

FOREIGN KEY (SeatLetter, RowNR) REFERENCES seat (Seatletter, RowNR),

PRIMARY KEY (BoardingCardID));

CREATE TABLE ScheduledFlight (

DaysOfOperation TINYINT(1),

FlightNR integer,

ScheduledDepatureTime time,

ScheduledArrivalTime time,

TicketNR integer,

AirportCode VARCHAR(3),

AirlineCode VARCHAR(3),

FOREIGN KEY (TicketNR) REFERENCES ticket (TicketNR),

FOREIGN KEY (AirportCode) REFERENCES airport (AirportCode),

FOREIGN KEY (AirlineCode) REFERENCES airline (AirlineCode),

PRIMARY KEY (FlightNR));

CREATE TABLE ActualFlight (

ActualFlightID integer,

ActualTakeOffTime time,

ActualLandingTime time,

FlightNR integer,

AircraftNR integer,

FOREIGN KEY (FlightNR) REFERENCES scheduledflight (FlightNR),

FOREIGN KEY (AircraftNR) REFERENCES aircraft (AircraftNR),

PRIMARY KEY (ActualFlightID));

INSERT INTO airport (AirportCode, Name, City, Country, Capacity) VALUES

INSERT INTO passenger (PassengerID, Name, MrMrs, Title) VALUES

INSERT INTO airline (AirlineCode, HeadQuarters, Name) VALUES

INSERT INTO ticket (TicketNR, PassengerID, Currency, Price, DateOfIssue, SalesOffice) VALUES

INSERT INTO aircraft (AircraftNR, Name, InternationalRegistrationNumber, DateOfEntryInService, FlightRange, Manifacturer, AirlineCode) VALUES

INSERT INTO scheduledflight (DaysOfOperation, FlightNR, ScheduledDepatureTime, ScheduledArrivalTime, TicketNR, AirlineCode, DepatureAirport, ArrivalAirport) VALUES

INSERT INTO seatrow (RowNR, Class, AircraftNR) VALUES

INSERT INTO seat (SeatLetter, SeatFunction, RowNR, AircraftNR) VALUES

INSERT INTO boardingcard (BoardingCardID, BoardingDate, SeatLetter, RowNR, TicketNR, AircraftNR, ActualFlightID) VALUES