**Assignment 3**

16-P

**TASK 1**

Pilot(pilotId,pName,pSurname,pMiddleName,pAddress,birthDate,flownHours,age,gender,experience,licenseNumber). airport(airportId,email,city,aName,aAddress,country,phoneNumber,employees,aOwner).

Plane(planeId,pName,Model,pOwner,capacity,pWeight,speed,flue).

Stewardess(stewardessId,sSurname,sName,middleName,gender,birthDate,age,phoneNumber,experience,height,martialStatus).

Passenger(pId,pName,pSurname,passengerMiddleName,gender,phoneNumber,FlightClass,

baggage,flyFrom,flyTo,seat,ticket,age).

flight(flyDate,flightNumber,departureTime,arrivalTime,hoursOfFly,gate).

ticket(passengerName,passengerSurname,cost,numberTicket,gate,flyFrom,flyTo).

booking(passengerName,passengerSurname,SeatNumber,flightNumber,baggege,class).

baggage(owenerName,ownerSurname,bWeight,bNumber,bType).

flightClass(bonus,meal,cost,classType).

**TASK 2** ****

**TASK 3**

create database ass3

create table Pilot (

pilotId int primary key,

pName varchar(255) not null,

pSurname varchar(255) not null,

pMiddleName varchar(255),

pAddress varchar(255),

birthDate date,

flownHours int,

age int,

gender varchar(255),

experience int,

licenseNumber int

);

create table airport(

airportId int primary key,

email varchar(255),

city varchar(255),

aName varchar(255),

aAddress varchar(255),

country varchar(255),

phoneNumber varchar(255),

employees int,

aOwner varchar(255)

);

create table plane(

planeId int primary key,

pName varchar(255),

Model varchar(255),

pOwner varchar(255),

capacity varchar(255),

pWeight int,

speed int,

flue varchar(255)

);

create table Stewardess(

stewardessId int primary key,

sSurname varchar(255),

sName varchar(255),

middleName varchar(255),

gender varchar(255),

birthDate date,

age int,

phoneNumber varchar(255),

experience int,

height int,

martialStatus varchar(255)

);

create table Passenger(

pId int primary key,

pName varchar(255),

pSurname varchar(255),

passengerMiddleName varchar(255),

gender varchar(255),

phoneNumber varchar(255),

FlightClass varchar(255),

baggage int,

flyFrom varchar(255),

flyTo varchar(255),

seat varchar(255),

ticket varchar(255),

age int

);

create table flight(

flyDate date,

flightNumber int,

departureTime varchar(255),

arrivalTime varchar(255),

hoursOfFly int,

gate varchar(255)

);

create table ticket(

passengerName varchar(255),

passengerSurname varchar(255),

cost int,

numberTicket int,

gate varchar(255),

flyFrom varchar(255),

flyTo varchar(255),

);

create table booking(

passengerName varchar(255),

passengerSurname varchar(255),

SeatNumber varchar(255),

flightNumber int,

baggege int,

class varchar(255)

);

create table baggage(

owenerName varchar(255),

ownerSurname varchar(255),

bWeight int,

bNumber int,

bType varchar(255)

);

create table flightClass(

bonus varchar(255),

meal varchar(255),

cost int,

classType varchar(255)

);

insert into Pilot values (1, 'Nazgul', 'Kosherbay', 'Kanatkyzy', 'Kabanbay batyr`2/a', '2001-07-27', 1, 19, 'female', 1, 1);

insert into Pilot values (2, 'Karina', 'Kinazarova', 'Batyrhankyzy', 'Qalau`1/b', '2001-03-27', 2, 19, 'female', 2, 2);

insert into Pilot values (3, 'Kairat', 'Kashkyn', 'Maratov', 'Satyldy 23', '2000-07-07', 3, 20, 'male', 3, 3);

insert into Pilot values (4, 'Yelnaz', 'Kosher', 'Natankyzy', 'Zhez 34', '2002-03-27', 4, 18, 'female', 4, 4);

insert into Pilot values (5, 'Diana', 'Bazarkylova', 'Qairatkyzy', 'Zheltoksan 2', '2000-01-20', 5, 20, 'female', 5, 5);

insert into Pilot values (6, 'Marat', 'Sherbay', 'Motuly', 'AidalaZher 25/2', '2000-07-31', 6, 20, 'male', 6, 6);

insert into Pilot values (7, 'Nursat', 'Bakyt', 'Batuly', 'Zhana 1/b', '2001-03-30', 7, 19, 'male', 7, 7);

insert into Pilot values (8, 'Kairat', 'Kashkyn', 'Maratov', 'Satyldy 23', '2000-02-07', 8, 20, 'male', 8, 8);

insert into Pilot values (9, 'Leila', 'Tomos', 'Bastakyzy', 'Zhezbatyr 345', '2002-10-24', 9, 18, 'female', 9, 9);

insert into Pilot values (10, 'Mona', 'kylova', 'talgatkyzy', 'toksan 2', '2000-12-31', 10, 20, 'female', 10, 10);

insert into airport values (11, 'airport1@gmail.com', 'Shymkent', 'Shymkent', 'Nayryzbay', 'Kazakhstan', '11-11-11', 11, 'Amanbay');

insert into airport values (12, 'airport2@gmail.com', 'Almaty', 'Almaty', 'Alfarab', 'Kazakhstan', '12-12-12', 12, 'Zhibek');

insert into airport values (13, 'airport3@gmail.com', 'Nur-Sultan', 'Nur-Sultan', 'kaban', 'Kazakhstan', '13-13-13', 13, 'Aruzhan');

insert into airport values (14, 'airport4@gmail.com', 'Aktay', 'Aktay', 'Nayryz', 'Kazakhstan', '14-14-14', 14, 'Bay');

insert into airport values (15, 'airport5@gmail.com', 'Taraz', 'Taraz', 'Tarazov', 'Kazakhstan', '15-15-15', 15, 'Nanbay');

insert into airport values (16, 'airport6@gmail.com', 'Karagandy', 'Karagandy', 'Karanov', 'Kazakhstan', '16-16-16', 16, 'Batyr');

insert into airport values (17, 'airport7@gmail.com', 'Kostanay', 'Kostanay', 'Alman', 'Kazakhstan', '17-17-17', 17, 'Darish');

insert into airport values (18, 'airport8@gmail.com', 'Oslo', 'Oslo', 'Nebara', 'Kopen', '18-18-18', 18, 'Madi');

insert into airport values (19, 'airport9@gmail.com', 'New', 'New', 'Nan', 'Russian', '19-19-19', 19, 'Altynay');

insert into airport values (20, 'airport10@gmail.com', 'Tim', 'Tim', 'Timtim', 'timan', '20-20-20', 20, 'Dina');

insert into plane values(21, 'airAstana','21a', 'Aruzhan', '21', 21, 21, 'yes');

insert into plane values(22, 'flyArystan','22a', 'Aruz', '22', 22, 22, 'yes');

insert into plane values(23, 'qazaqAir','23a', 'Aruzh', '23', 23, 23, 'yes');

insert into plane values(24, 'bekAir','24a', 'Aru', '24', 24, 24, 'yes');

insert into plane values(25, 'scat','25a', 'Aruzha', '25', 25, 25, 'yes');

insert into plane values(26, 'air','26a', 'zhan', '26', 26, 26, 'yes');

insert into plane values(27, 'Astana','27a', 'Ruzhan', '27', 27, 27, 'yes');

insert into plane values(28, 'Stana','28a', 'Uzhan', '28', 28, 28, 'yes');

insert into plane values(29, 'Stana','29a', 'Han', '29', 29, 29, 'yes');

insert into plane values(30, 'airAs','30a', 'Aran', '30', 30, 30, 'yes');

insert into Stewardess values (31, 'Zhenbay', 'Zhen', 'Zhenov', 'male', '1990-01-01', 30, '31-31-31', 31, 180, 'yes');

insert into Stewardess values (31, 'Zhenbay', 'Zhen', 'Zhenovich', 'male', '1990-01-01', 30, '31-31-31', 31, 180, 'yes');

insert into Stewardess values (32, 'Abetay', 'Abay', 'Alimuly', 'male', '1991-01-25', 29, '32-32-32', 9, 180, 'yes');

insert into Stewardess values (33, 'Elibay', 'Batyr', 'Elzhanovich', 'male', '1990-02-01', 30, '33-33-33', 10, 181, 'yes');

insert into Stewardess values (34, 'Maxat', 'Sat', 'Zhanuly', 'male', '1993-02-25', 27, '34-34-34', 1, 180, 'yes');

insert into Stewardess values (35, 'Bolat', 'Zhan', 'Galymuly', 'male', '1990-05-01', 30, '35-35-35', 3, 182, 'yes');

insert into Stewardess values (36, 'Sakbay', 'Aizhan', 'Salimkyzy', 'female', '1998-01-02', 22, '36-36-36', 4, 170, 'no');

insert into Stewardess values (37, 'Boran', 'Naz', 'Myrzakyzy', 'female', '1991-11-28', 22, '37-37-37', 5, 169, 'no');

insert into Stewardess values (38, 'Nalim', 'Nazerke', 'Baykyzy', 'female', '1990-05-05', 30, '38-38-38', 5, 167, 'no');

insert into Stewardess values (39, 'Baltabay', 'Zarina', 'Zakirkyzy', 'female', '1991-04-01', 29, '39-39-39', 3, 168, 'no');

insert into Stewardess values (40, 'Akylov', 'Aidos', 'Aspanuly', 'male', '1992-01-04', 28, '40-40-40', 3, 180, 'yes');

insert into Passenger values (40, 'Zhibe', 'Batyrbay', 'BatyrbayKyzy', 'female', '40-40-40', 'business', 40, 'Almaty', 'Astana', '19A', 'yes', 18);

insert into Passenger values (41, 'Ibek', 'Atyrbay', 'BabayKyzy', 'female', '41-41-41', 'economy', 41, 'Alm', 'Astan', '20B', 'yes', 20);

insert into Passenger values (42, 'Bek', 'Tyrbay', 'Abayuly', 'male', '42-42-42', 'business', 42, 'Alma', 'Stan', '21B', 'yes', 21);

insert into Passenger values (43, 'Iek', 'Arbay', 'Ayuly', 'male', '43-43-43', 'economy', 43, 'Almat', 'Tan', '21C', 'yes', 40);

insert into Passenger values (44, 'Ik', 'Aby', 'BayKuly', 'male', '44-44-44', 'economy', 44, 'Amt', 'tana', '24B', 'yes', 30);

insert into Passenger values (45, 'ZhIb', 'Atay', 'BaKyzy', 'female', '45-45-45', 'economy', 45, 'Alam', 'Ana', '2B', 'yes', 23);

insert into Passenger values (46, 'ZhI', 'Tay', 'BayKyzy', 'female', '46-46-46', 'economy', 46, 'Almt', 'Nur', '2A', 'yes', 21);

insert into Passenger values (47, 'Da', 'Atyrbay', 'ByKyzy', 'female', '47-47-47', 'business', 47, 'Nur-Sultan', 'Moscow', '10A', 'yes', 18);

insert into Passenger values (48, 'Dari', 'Kalmakhan', 'Almazkyzy', 'female', '48-48-48', 'business', 48, 'Nur-Sultan', 'Almaty', '13B', 'yes', 48);

insert into Passenger values (49, 'Dash', 'Atrbay', 'Bayuly', 'female', '49-49-49', 'business', 49, 'Nur-Sultan', 'Almaty', '45A', 'yes', 98);

insert into flight values ('2020-10-20', 50, '20:20', '21:20', 1 , 'A');

insert into flight values ('2020-10-21', 51, '21:20', '22:20', 1 , 'B');

insert into flight values ('2020-10-22', 52, '10:20', '12:20', 2 , 'C');

insert into flight values ('2020-10-23', 53, '22:20', '23:20', 1 , 'D');

insert into flight values ('2020-10-24', 54, '17:20', '20:20', 3 , 'E');

insert into flight values ('2020-10-25', 55, '16:20', '20:20', 4 , 'F');

insert into flight values ('2020-10-26', 56, '13:00', '14:00', 1 , 'G');

insert into flight values ('2020-11-20', 57, '20:10', '21:20', 1 , 'H');

insert into flight values ('2020-11-22', 58, '20:20', '22:20', 2 , 'I');

insert into flight values ('2020-12-10', 59, '14:30', '15:30', 1 , 'J');

insert into ticket values ('Zhibe', 'Batyrbay', 20000, 60, 'A', 'Almaty', 'Astana');

insert into ticket values ('Ibek', 'Atyrbay', 23000, 61, 'B','Alm', 'Astan');

insert into ticket values ('Bek', 'Tyrbay', 22000, 62, 'C','Alma', 'Stan');

insert into ticket values ('Iek', 'Arbay', 24000, 63, 'D','Almat', 'Tan');

insert into ticket values ('Ik', 'Aby', 25000, 64, 'E','Amt', 'tana');

insert into ticket values ('ZhIb', 'Atay', 26000, 65, 'F','Alam', 'Ana');

insert into ticket values ('ZhI', 'Tay', 27000, 66, 'G','Almt', 'Nur');

insert into ticket values ('Da', 'Atyrbay', 28000, 67, 'H','Nur-Sultan', 'Moscow');

insert into ticket values ('Dari', 'Kalmakhan', 29000, 68, 'I','Nur-Sultan', 'Almaty');

insert into ticket values ('Dash', 'Atrbay', 21000, 69, 'J','Nur-Sultan', 'Almaty');

insert into booking values ('Zhibe', 'Batyrbay', '19A',50, 70, 'business');

insert into booking values ('Ibek', 'Atyrbay', '20B',51, 71,'economy');

insert into booking values ('Bek', 'Tyrbay', '21B',52,72,'business');

insert into booking values ('Iek', 'Arbay', '21C',53,73,'economy');

insert into booking values ('Ik', 'Aby', '24B',54,74,'economy');

insert into booking values ('ZhIb', 'Atay', '2B',55,75,'economy');

insert into booking values ('ZhI', 'Tay', '2A',56,76,'economy');

insert into booking values ('Da', 'Atyrbay', '10A',57,77,'business');

insert into booking values ('Dari', 'Kalmakhan', '13B',58,78, 'business');

insert into booking values ('Dash', 'Atrbay', '45A',59,79,'business');

insert into baggage values ('Zhibe', 'Batyrbay',70,80, 'hand Luggage');

insert into baggage values ('Ibek', 'Atyrbay',71,81,'hand Luggage');

insert into baggage values ('Bek', 'Tyrbay',72,82,'Luggage');

insert into baggage values ('Iek', 'Arbay',73,83,'hand Luggage');

insert into baggage values ('Ik', 'Aby',74,84,'Luggage');

insert into baggage values ('ZhIb', 'Atay',75,85,'Luggage');

insert into baggage values ('ZhI', 'Tay',76,86,'hand Luggage');

insert into baggage values ('Da', 'Atyrbay',77,87,'Luggage');

insert into baggage values ('Dari', 'Kalmakhan',78,88, 'hand Luggage');

insert into baggage values ('Dash', 'Atrbay', 79,89,'hand Luggage');

insert into flightClass values ('no', 'food', 20000, 'business');

insert into flightClass values ('no', 'water', 23000,'economy');

insert into flightClass values ('10%', 'food', 22000,'business');

insert into flightClass values ('no', 'water', 24000,'economy');

insert into flightClass values ('35%', 'water', 25000,'economy');

insert into flightClass values ('no', 'water', 26000,'economy');

insert into flightClass values ('5%', 'water', 27000,'economy');

insert into flightClass values ('no', 'food', 28000,'business');

insert into flightClass values ('30%', 'food', 29000,'business');

insert into flightClass values ('20%', 'food', 21000, 'business');

update Passenger

set pName = 'Arna'

where pId = '44';

update Stewardess

set martialStatus = 'yes'

where phoneNumber = '39-39-39';

delete from baggage

where bNumber = '86';

delete from flightClass

where bonus = '30%';

select \* from Pilot;

select \* from airport;

select \* from plane;

select \* from Stewardess;

select \* from Passenger;

select \* from flight;

select \* from ticket;

select \* from booking;

select \* from baggage;

select \* from flightClass;