SHOW databases;

CREATE DATABASE Final\_project;

USE Final\_project;

CREATE TABLE Users (

User\_Id INT NOT NULL PRIMARY KEY,

First\_Name VARCHAR(30) NOT NULL,

Last\_Name VARCHAR(30) NOT NULL,

Age INT NOT NULL,

Card\_Id INT NOT NULL,

CREATE TABLE Cards (

Card\_Id INT NOT NULL PRIMARY KEY,

Number INT NOT NULL,

User\_Id INT NOT NULL

);

CREATE TABLE Message (

Message\_Id INT NOT NULL PRIMARY KEY,

Topic VARCHAR(80) NOT NULL,

Data DATE NOT NULL,

Text VARCHAR(80) NOT NULL

);

CREATE TABLE Login (

User\_Id INT NOT NULL,

Login VARCHAR(30) NOT NULL,

Password VARCHAR(30) NOT NULL);

INSERT INTO Users (User\_Id, First\_Name, Last\_Name, Age) VALUES (1, “Ivan”, “Ivanov”, 18), (2, “Oleg”, “Ivanov”, 28), (3, “Anna”, “Ivanova”, 20);

INSERT INTO Cards (Card\_Id, Number, User\_Id) VALUES (1, 123456789, 1), (2, 234567891, 2), (3, 345678912, 3);

INSERT INTO Message (Message\_Id, Topic, Data, Text) VALUES (1, “Number One”, 20240915, “Number One test”), (2, “Number Two”, 20240915, “Number Two test”), (3, “Number Three”, 20240915, “Number Three test”);

INSERT INTO Users\_Message (Message\_Id, User\_Id) VALUES (1, 1), (2, 2), (3, 3);

INSERT INTO Login (User\_Id, Login, Password) VALUES (1, “Ivan”, “Ivanov”), (2, “Oleg”, “Ivanov”), (3, “Anna”, “Ivanova”);

#SELECT \* FROM Users и DESC Users – показать содержание таблицы Users и структуру

ALTER TABLE Login ADD FOREIGN KEY (User\_Id) REFERENCES Users(User\_id);

ALTER TABLE Login ADD FOREIGN KEY (User\_Id) REFERENCES Users(User\_id);

ALTER TABLE Users\_Message ADD FOREIGN KEY (Message\_Id) REFERENCES Message(Message\_id);

ALTER TABLE Users\_Message ADD FOREIGN KEY (User\_Id) REFERENCES Users(User\_id);

ALTER TABLE Users ADD Card\_Id INT;

ALTER TABLE Users ADD FOREIGN KEY (Card\_Id) REFERENCES Cards(Card\_id);