CREATE DATABASE on2

USE on2

--query1

CREATE TABLE Teacher(

TeacherId int IDENTITY(3000,3) PRIMARY KEY,

FirstName varchar(20) NOT NULL,

LastName varchar(20) NOT NULL,

JoiningDate date NOT NULL,

YearsOfService varchar(50) NOT NULL,

Salary numeric(7,2)

);

--query2

INSERT INTO Teacher VALUES('Sakib', 'Ahmed', '2016-08-15', '6', 95000)

INSERT INTO Teacher VALUES('Raihan', 'Tanvir', '2018-11-05', '4', 80000)

INSERT INTO Teacher VALUES('Hasib', 'Mahmud', '2020-04-13', '2', 45000)

INSERT INTO Teacher VALUES('Parvez', 'Patwary', '2020-07-03', '2', 40000)

INSERT INTO Teacher VALUES('Reasad', 'Mahmud', '2021-08-06', '1', 30000)

--query3

SELECT FirstName, JoiningDate FROM Teacher

--query4

ALTER TABLE Teacher

ADD Department varchar(30)

--query5

SELECT DISTINCT LastName FROM Teacher

--query6

ALTER TABLE Teacher

ALTER COLUMN JoiningDate datetime

--query7

ALTER TABLE Teacher

DROP COLUMN Department

--query8

TRUNCATE TABLE Teacher