-- DML Data Manipulation Language

--Select insert update delete

CREATE DATABASE StepDb

GO

USE StepDb

GO

CREATE TABLE Students(

[Id] INT PRIMARY KEY IDENTITY(1,1) NOT NULL,

[Firstname] NVARCHAR(30) NOT NULL,

[Lastname] NVARCHAR(30) NOT NULL,

[Group] NVARCHAR(20) NOT NULL,

[Gender] NVARCHAR(20),

[Age] INT,

[Birthdate] DATE NOT NULL

)

--INSERT INTO Students([Firstname],[Lastname],[Group],[Gender],[Age],[Birthdate])

--VALUES('Tural','Mammadov','2700KM','MALE','23','2022-5-5'),

--('Leyla','Aliyeva','2700KM','FEMALE','25','2010-5-5'),

--('Eli','Mammadov','2700KM','MALE','23','2022-5-5'),

--('Aysel','Mammadova','2700KM','FEMALE','23','2022-5-5')

--SELECT \* FROM Students

--SELECT [Firstname],[Lastname]

--FROM Students

SELECT [Firstname],[Lastname],[Age],[Group]

FROM Students

--SELECT [Firstname]+' '+[Lastname] as Fullname

--FROM Students

-- AS - Alias

--SELECT [Firstname]+' - '+[Lastname] AS Fullname,

--[Age] AS Student\_Age

--FROM Students

--SELECT 'Student : '+[Firstname]+' : your age is'+CAST([Age] AS NVARCHAR(10))

--AS StudentInfo

--FROM Students

--SELECT TOP(2) \* FROM Students

--SELECT TOP(2) [Firstname],[Lastname]

--FROM Students

--SELECT TOP 50 PERCENT [Firstname],[Lastname]

--FROM Students

--= EQUAL

--!= NOT EQUAL <>

-->

--<

-->=

--<=

--SELECT \*

--FROM Students

--WHERE Students.[Age]>24

--SELECT \*

--FROM Students

--WHERE Students.[Age]>10 AND Students.[Age]<=20

--SELECT \*

--FROM Students

--WHERE Students.[Age]=24 OR LEN(Students.[Firstname])=5

--SELECT \*

--FROM Students AS S

--WHERE YEAR(S.Birthdate)=2022

--SELECT \*

--FROM Students AS S

--WHERE MONTH(S.Birthdate)=5

--SELECT \*

--FROM Students

--Where [Group] IS NOT NULL

select \* from Students

order by Students.Age desc -- asc

--select \* from Students

--order by Students.Age asc ,Students.Firstname desc

--SELECT \*

--FROM Students

--ORDER BY Firstname DESC

--OFFSET 2 ROWS

--FETCH NEXT 1 ROWS ONLY

--BETWEEN IN LIKE

--select \*

--FROM Students

--where Firstname='Aysel' or Firstname='Eli' or Firstname='Leyla'

--select \*

--FROM Students

--where Firstname IN ('Aysel','Eli','Leyla')

SELECT \*

FROM Students

WHERE Birthdate>='2002-10-10' AND Birthdate<='2020-9-8'

SELECT \*

FROM Students

WHERE Birthdate BETWEEN '2002-10-10' AND '2020-9-8'

select \*

from Students

Where Firstname Like '%y%'

delete from Students

where Id=1

--https://www.w3schools.com/sql/sql\_distinct.asp

--UPDATE Students

--SET Firstname='Zerife'

--WHERE Firstname='Aysel'

UPDATE Students

SET Age=0

WHERE Age>=20