CREATE DATABASE studentinfo2;

USE studentinfo2;

CREATE TABLE Weather

(

id int ,

recordDate Date,

temperature int,

PRIMARY KEY (ID)

)

CREATE TABLE weather\_details (

Desc\_id int NOT NULL PRIMARY KEY,

tempID int ,

Description varchar(8000)

);

EXEC sp\_rename 'dbo.weather\_details.tempID', 'temperatureID', 'COLUMN';

select \* FROM Weather ;

select \* FROM weather\_details ;

INSERT INTO Weather VALUES (1,'2022-01-22',51);

INSERT INTO Weather VALUES (2,'2022-01-22',60);

INSERT INTO Weather VALUES (3,'2021-01-2',26);

INSERT INTO Weather VALUES (4,'2020-01-7',23);

INSERT INTO Weather VALUES (5,'2021-01-22',65);

INSERT INTO Weather VALUES (6,'2022-01-2',66);

INSERT INTO Weather VALUES (7,'2021-01-12',11);

INSERT INTO Weather VALUES (8,'2004-01-2',45);

INSERT INTO Weather VALUES (9,'2021-01-28',65);

INSERT INTO Weather VALUES (10,'2028-01-22',21);

INSERT INTO weather\_details ( Desc\_id,tempID,Description)VALUES (1,2,'windy');

INSERT INTO weather\_details ( Desc\_id,tempID,Description)VALUES (2,1,'stromy');

INSERT INTO weather\_details ( Desc\_id,tempID,Description)VALUES (3,4,'stromy');

INSERT INTO weather\_details ( Desc\_id,tempID,Description)VALUES (4,5,'windy');

INSERT INTO weather\_details ( Desc\_id,tempID,Description)VALUES (5,2,'windy');

INSERT INTO weather\_details ( Desc\_id,tempID,Description)VALUES (6,1,'stromy');

INSERT INTO weather\_details ( Desc\_id,tempID,Description)VALUES (7,6,'windy');

INSERT INTO weather\_details ( Desc\_id,tempID,Description)VALUES (8,8,'windy');

INSERT INTO weather\_details ( Desc\_id,tempID,Description)VALUES (9,9,'stromy');

INSERT INTO weather\_details ( Desc\_id,tempID,Description)VALUES (10,6,'windy');

UPDATE dbo.Weather

SET Weather.temperature=temperature\*1.8+32;

SELECT temperature,recordDate FROM Weather WHERE YEAR(recordDate)=2021 ;

UPDATE dbo.weather\_details

SET weather\_details.Description='stromy'

WHERE weather\_details.Description='windy';

DELETE FROM Weather WHERE recordDate>GETDATE();

DELETE FROM Weather ;

TRUNCATE TABLE weather\_details;

DROP TABLE Weather;

DROP TABLE weather\_details;