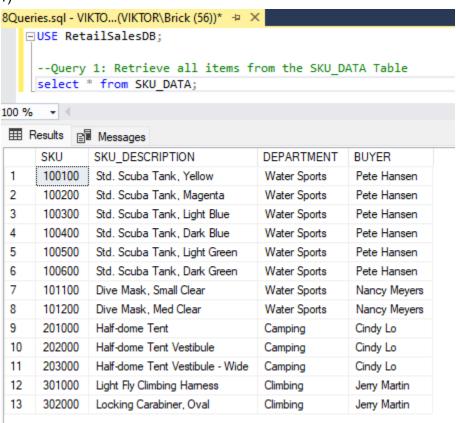
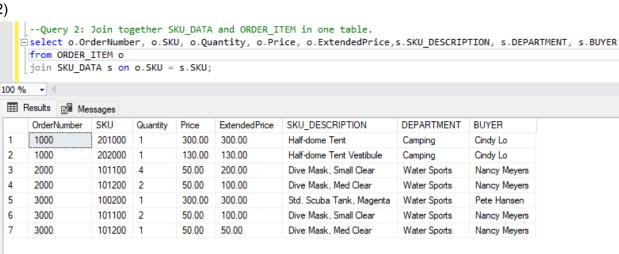
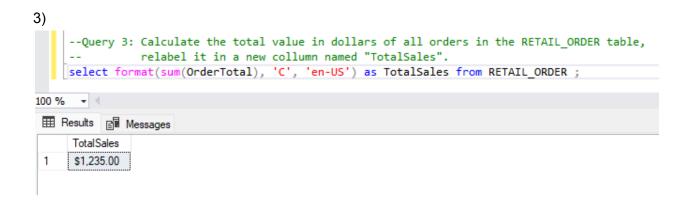
Lze4, Evan Varan, Databases project 4

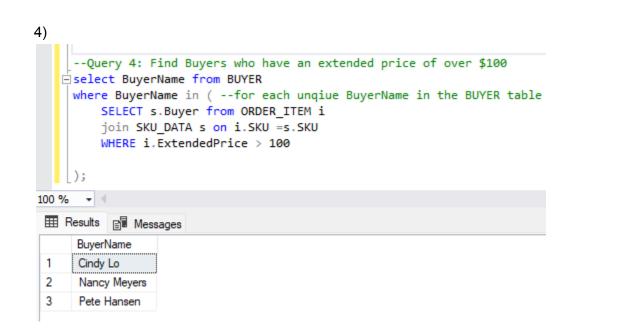
1)



2)







USE WPDatabase

--Query 5: Join the assignment and project tables based on project ID.

select a.ProjectID, a.EmployeeNumber, a.HoursWorked, p.ProjectName, p.Department,

p.MaxHours, p.StartDate,p.EndDate from ASSIGNMENT a

join PROJECT p on a.ProjectID = p.ProjectID;

	Results	Messages						
	ProjectID	EmployeeNumber	HoursWorked	ProjectName	Department	MaxHours	StartDate	EndDate
1	1000	1	30.00	2021 Q3 Production Plan	Production	100.00	2021-05-10	2021-06-15
2	1000	6	50.00	2021 Q3 Production Plan	Production	100.00	2021-05-10	2021-06-15
3	1000	10	50.00	2021 Q3 Production Plan	Production	100.00	2021-05-10	2021-06-1
4	1000	16	75.00	2021 Q3 Production Plan	Production	100.00	2021-05-10	2021-06-1
5	1000	17	75.00	2021 Q3 Production Plan	Production	100.00	2021-05-10	2021-06-1
6	1100	1	30.00	2021 Q3 Marketing Plan	Sales and Marketing	135.00	2021-05-10	2021-06-1
7	1100	6	75.00	2021 Q3 Marketing Plan	Sales and Marketing	135.00	2021-05-10	2021-06-1
8	1100	10	55.00	2021 Q3 Marketing Plan	Sales and Marketing	135.00	2021-05-10	2021-06-1
9	1100	11	55.00	2021 Q3 Marketing Plan	Sales and Marketing	135.00	2021-05-10	2021-06-1
10	1200	3	20.00	2021 Q3 Portfolio Analysis	Finance	120.00	2021-07-05	2021-07-2
11	1200	6	40.00	2021 Q3 Portfolio Analysis	Finance	120.00	2021-07-05	2021-07-2
12	1200	7	45.00	2021 Q3 Portfolio Analysis	Finance	120.00	2021-07-05	2021-07-2
13	1200	8	45.00	2021 Q3 Portfolio Analysis	Finance	120.00	2021-07-05	2021-07-2
14	1300	3	25.00	2021 Q3 Tax Preparation	Accounting	145.00	2021-08-10	2021-10-1
15	1300	6	40.00	2021 Q3 Tax Preparation	Accounting	145.00	2021-08-10	2021-10-1
16	1300	8	50.00	2021 Q3 Tax Preparation	Accounting	145.00	2021-08-10	2021-10-1
17	1300	9	50.00	2021 Q3 Tax Preparation	Accounting	145.00	2021-08-10	2021-10-1
18	1400	1	30.00	2021 Q4 Production Plan	Production	100.00	2021-08-10	2021-09-1
19	1400	6	50.00	2021 Q4 Production Plan	Production	100.00	2021-08-10	2021-09-1
20	1400	10	55.00	2021 Q4 Production Plan	Production	100.00	2021-08-10	2021-09-1
21	1400	16	75.00	2021 Q4 Production Plan	Production	100.00	2021-08-10	2021-09-1
22	1400	17	75.00	2021 Q4 Production Plan	Production	100.00	2021-08-10	2021-09-1
23	1500	1	30.00	2021 Q4 Marketing Plan	Sales and Marketing	135.00	2021-08-10	2021-09-1
24	1500	6	75.00	2021 Q4 Marketing Plan	Sales and Marketing	135.00	2021-08-10	2021-09-1
25	1500	10	55.00	2021 Q4 Marketing Plan	Sales and Marketing	135.00	2021-08-10	2021-09-1
26	1500	11	55.00	2021 Q4 Marketing Plan	Sales and Marketing	135.00	2021-08-10	2021-09-1
27	1600	6	40.00	2021 Q4 Portfolio Analysis	Finance	140.00	2021-10-05	2021-11-1
28	1600	7	45.00	2021 Q4 Portfolio Analysis	Finance	140.00	2021-10-05	2021-11-1
29	1600	8	45.00	2021 Q4 Portfolio Analysis	Finance	140.00	2021-10-05	2021-11-1

100 % → <

--Query 6: Display all employees who have work more than 50 hours on a project.

| select e.EmployeeNumber, e.FirstName, e.LastName, a.ProjectID from EMPLOYEE e
| join ASSIGNMENT a on e.EmployeeNumber = a.EmployeeNumber where a.HoursWorked > 50
| order by a.EmployeeNumber ASC;

	Employee Number	First Name	LastName	ProjectID
1	6	Ken	Evans	1100
2	6	Ken	Evans	1500
3	10	Ken	Numoto	1500
4	10	Ken	Numoto	1400
5	10	Ken	Numoto	1100
6	11	Linda	Granger	1100
7	11	Linda	Granger	1500
8	16	Mary	Smith	1400
9	16	Mary	Smith	1000
10	17	Tom	Jackson	1000
11	17	Tom	Jackson	1400

19

20

21

22

23

24

25

26

27

28

29

10

16

17

1

ĸ

10

11

6

Ken

Ken

Mary

Tom

Mary

Ken

Ken

Linda

Ken

Mary

Evans

Numoto

Jackson

Jacobs

Evans

Numoto

Granger

Evans

Abemathy

Caruthers

Smith

50.00

55.00

75.00

75.00

30.00

75.00

55.00

55.00

40.00

45.00

45.00

```
--Query 7: Create a view that is a combination of the Employee, Assignment, and Project tables
     drop view EmployeeProjectView --only for screenshot so there is no red underlines.
   □create view EmployeeProjectView as
     select e.EmployeeNumber, e.FirstName, e.LastName, a.HoursWorked, p.ProjectName from EMPLOYEE e
     join ASSIGNMENT a on a.EmployeeNumber = e.EmployeeNumber
     join PROJECT p on p.ProjectID = a.ProjectID
     SELECT * FROM EmployeeProjectView;
100 %
Results Messages
      EmployeeNumber
                       First Name
                                  LastName
                                              HoursWorked
                                                            Project Name
                                              30.00
                                                            2021 Q3 Production Plan
                        Mary
                                   Jacobs
2
                                   Evans
                                              50.00
                                                            2021 Q3 Production Plan
                        Ken
 3
      10
                                   Numoto
                                              50.00
                                                            2021 Q3 Production Plan
                        Ken
 4
       16
                        Mary
                                   Smith
                                              75.00
                                                            2021 Q3 Production Plan
 5
      17
                                              75.00
                                                            2021 Q3 Production Plan
                                   Jackson
                        Tom
 6
                        Mary
                                   Jacobs
                                              30.00
                                                            2021 Q3 Marketing Plan
 7
      6
                                              75.00
                                                            2021 Q3 Marketing Plan
                        Ken
                                   Evans
 8
                                              55.00
      10
                        Ken
                                   Numoto
                                                            2021 Q3 Marketing Plan
 9
                                              55.00
      11
                        Linda
                                   Granger
                                                            2021 Q3 Marketing Plan
 10
      3
                        Richard
                                   Bandalone
                                              20.00
                                                            2021 Q3 Portfolio Analysis
 11
      6
                                              40.00
                                                            2021 Q3 Portfolio Analysis
                        Ken
                                   Evans
 12
                        Marv
                                   Abemathy
                                              45.00
                                                            2021 Q3 Portfolio Analysis
 13
      8
                                   Caruthers
                                              45.00
                                                            2021 Q3 Portfolio Analysis
 14
      3
                        Richard
                                   Bandalone
                                              25.00
                                                            2021 Q3 Tax Preparation
 15
      6
                        Ken
                                   Evans
                                              40.00
                                                            2021 Q3 Tax Preparation
 16
      8
                        Tom
                                   Caruthers
                                              50.00
                                                            2021 Q3 Tax Preparation
 17
      9
                        Heather
                                              50.00
                                                            2021 Q3 Tax Preparation
                                   Jones
 18
                        Mary
                                              30.00
                                                            2021 Q4 Production Plan
                                   Jacobs
```

2021 Q4 Production Plan

2021 Q4 Production Plan

2021 Q4 Production Plan

2021 Q4 Production Plan

2021 Q4 Marketing Plan

2021 Q4 Marketing Plan

2021 Q4 Marketing Plan

2021 Q4 Marketing Plan

2021 Q4 Portfolio Analysis

2021 Q4 Portfolio Analysis

2021 Q4 Portfolio Analysis

