Markenson Delkhaste

Project 2

4/7/22

CIS 3050-xx

Section 7

Spring 2022

Contents

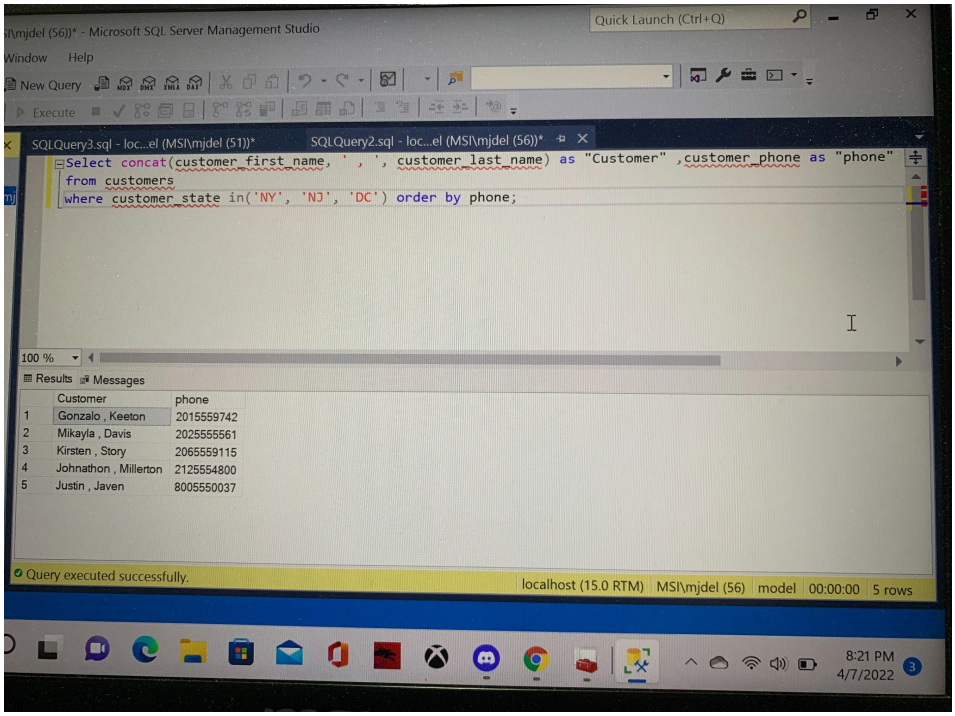
Statement of Academic Honesty

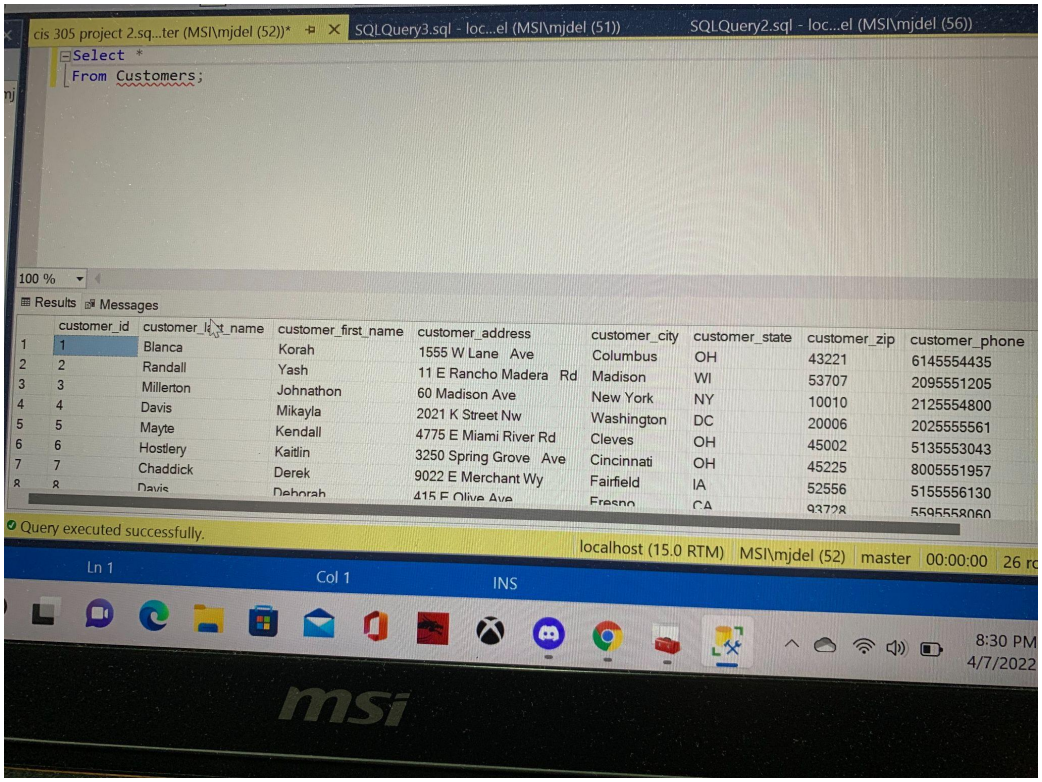
My name is: Markenson Delkhaste, I declare that, except where fully referenced no aspect of this project has been copied from any other source. I understand that any act of Academic Dishonesty such as plagiarism or collusion may result in serious offense and punishments. I promise not to lie about my academic work, to cheat, or to steal the words or ideas of others, nor will I help fellow students to violate the Code of Academic Honesty.

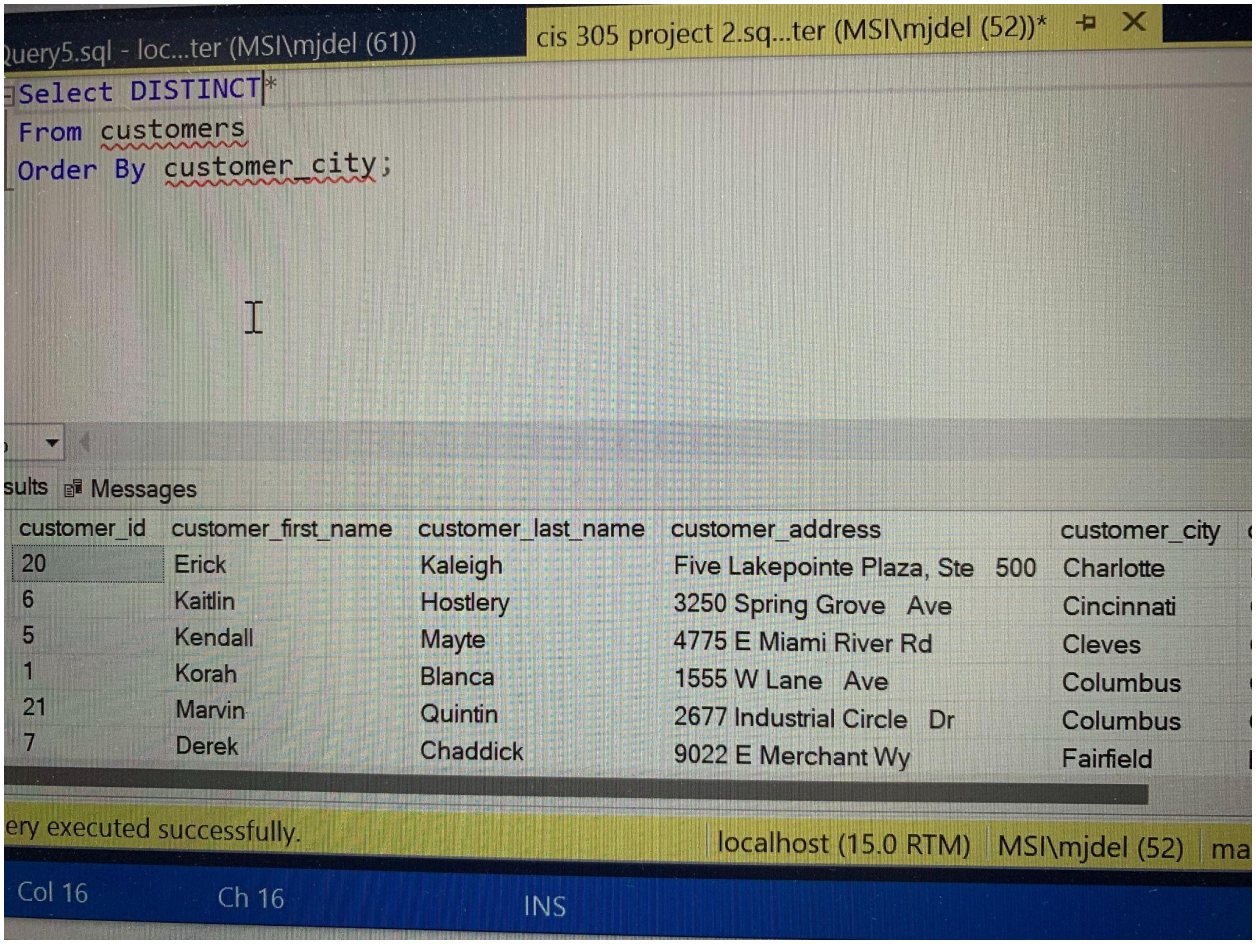
Name: Markenson Delkhaste Date: 4/7/22

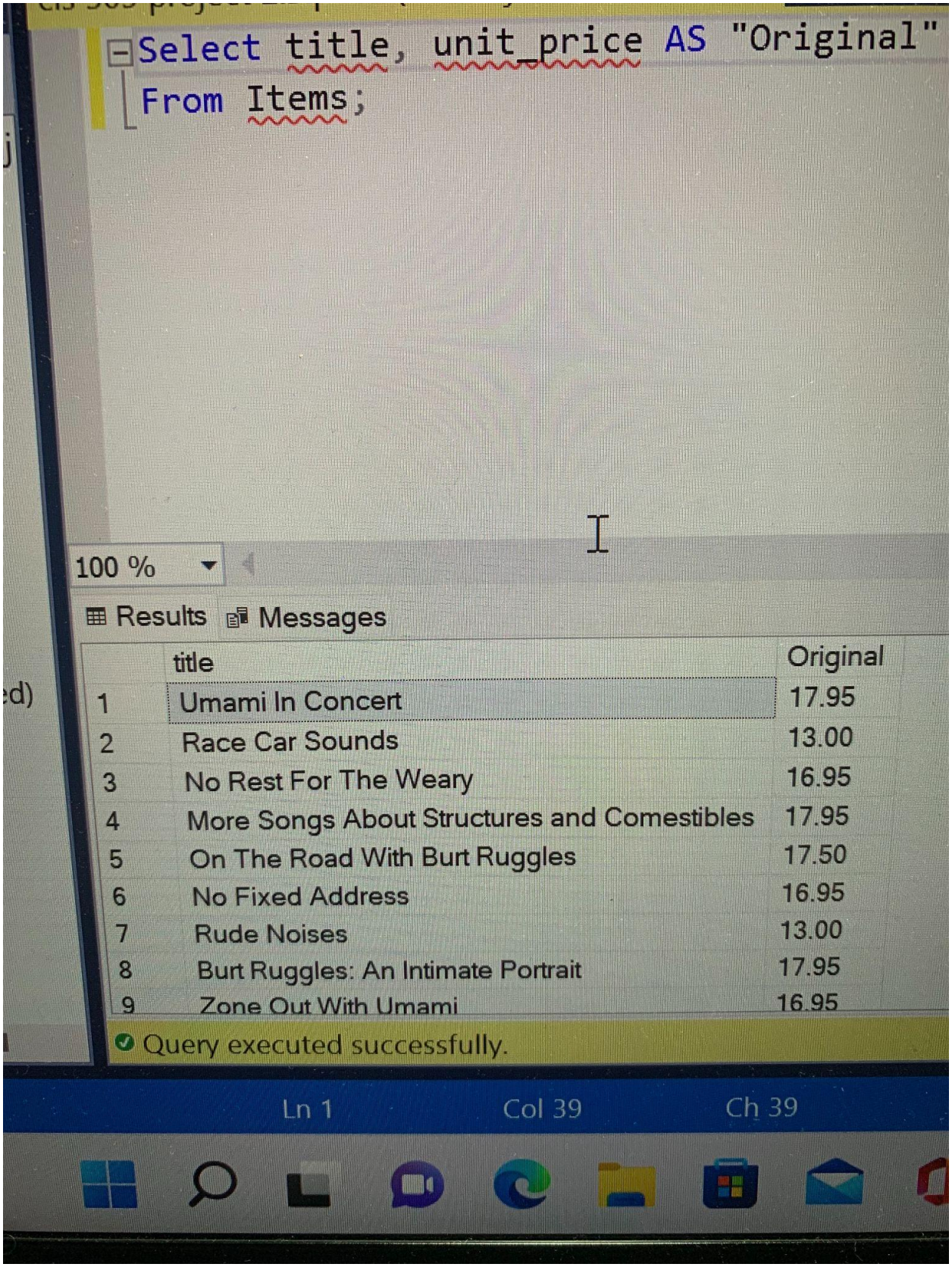
Signature: 

This project is about utilizing SQL to address practical database needs and implement a database based on that design. My database system is designed to perform general information management tasks. These tasks include things such as the logical and physical design of the database and demonstrates the database's ability to deliver meaningful reports.


\mjdel (56))* - Microsoft SQL Server Management Studio
Quick Launch (Ctrl+Q)
Window Help
New Query
Execute
SQLQuery3.sql - loc...el (MSI\mjdel (51))*
SQLQuery2.sql - loc...el (MSI\mjdel (56))*
Select concat(customer_first_name, ' , ', customer_last_name) as "Customer" ,customer_phone as "phone"
from customers
where customer_state in('NY', 'NJ', 'DC') order by phone;
100 %
Results Messages
Customer phone
1 Gonzalo , Keeton 2015559742
2 Mikayla , Davis 2025555561
3 Kirsten , Story 2065559115
4 Johnathon , Millerton 2125554800
5 Justin , Javen 8005550037
Query executed successfully.
localhost (15.0 RTM) MSI\mjdel (56) model 00:00:00 5 rows
8:21 PM
4/7/2022


cis 305 project 2.sq...ter (MSI\mjdel (52))*
SQLQuery3.sql - loc...el (MSI\mjdel (51))
SQLQuery2.sql - loc...el (MSI\mjdel (56))
Select *
From Customers;
100 %
Results
Messages
customer_id customer_last_name customer_first_name customer_address customer_city customer_state customer_zip customer_phone
1 1 Blanca Korah 1555 W Lane Ave Columbus OH 43221 6145554435
2 2 Randall Yash 11 E Rancho Madera Rd Madison WI 53707 2095551205
3 3 Millerton Johnathon 60 Madison Ave New York NY 10010 2125554800
4 4 Davis Mikayla 2021 K Street Nw Washington DC 20006 2025555561
5 5 Mayte Kendall 4775 E Miami River Rd Cleves OH 45002 5135553043
6 6 Hostlery Kaitlin 3250 Spring Grove Ave Cincinnati OH 45225 8005551957
7 7 Chaddick Derek 9022 E Merchant Wy Fairfield IA 52556 5155556130
8 8 Davis Deborah 415 E Olive Ave Fresno CA 93728 5595558060
Query executed successfully.
localhost (15.0 RTM)
MSI\mjdel (52)
master
00:00:00
26 ro
Ln 1
Col 1
INS
8:30 PM
4/7/2022
msi


Query5.sql - loc...ter (MSI\mjdel (61))
cis 305 project 2.sq...ter (MSI\mjdel (52))*
Select DISTINCT*
From customers
Order By customer_city;
sults
Messages
customer_id | customer_first_name | customer_last_name | customer_address | customer_city
20 | Erick | Kaleigh | Five Lakepointe Plaza, Ste 500 | Charlotte
6 | Kaitlin | Hostlery | 3250 Spring Grove Ave | Cincinnati
5 | Kendall | Mayte | 4775 E Miami River Rd | Cleves
1 | Korah | Blanca | 1555 W Lane Ave | Columbus
21 | Marvin | Quintin | 2677 Industrial Circle Dr | Columbus
7 | Derek | Chaddick | 9022 E Merchant Wy | Fairfield
ery executed successfully.
localhost (15.0 RTM)
MSI\mjdel (52)
Col 16
Ch 16
INS


Select title, unit_price AS "Original"
From Items;
100 %
Results
Messages
title
Original
1 Umami In Concert 17.95
2 Race Car Sounds 13.00
3 No Rest For The Weary 16.95
4 More Songs About Structures and Comestibles 17.95
5 On The Road With Burt Ruggles 17.50
6 No Fixed Address 16.95
7 Rude Noises 13.00
8 Burt Ruggles: An Intimate Portrait 17.95
9 Zone Out With Umami 16.95
Query executed successfully.
Ln 1
Col 39
Ch 39

The manipulation of the data presented with the coding script is useful for a variety of reasons. Using the tools presented by this program, one can update or provide better organized data. For instance, I had to switch one column to another. In addition, I had to add in code in order to get the results I wanted.

I learned how to manipulate data.

2. I learned how to organize data.
3. I learned how to deal with this particular type of program.

So far, I have learned how useful and painful coding languages such as SQL can be for users. They can be somewhat interesting to use as they manipulate data for the needs of an organization. Learning about new forms of code and adding them to the project was useful throughout this time. I was learning how to put data in ascending or descending order for one. I even learned how to change the heading in columns. I know that there are arguably better languages that are being used and I am interested in using them instead.

References

E Loshin, D. 2006. "Monitoring Data Quality Performance Using Data Quality Metrics." Available at https://it.ojp.gov/ documents/Infonnatica_Whilepaper Monitoring^DQ Using_Melrics .pdf.

Hay, D. C. 2005. "Data Model Quality: Where Good Data Begin." Available at http://tdan.eom/daln-model-i.iualitywhere-good-data-begins/5286.

Loshin, D. 2009. "The Data Quality Business Case: Projecting Return on Investment." Available at http://knowledgeintegrity.com/Assels/da ta_quality .business case.pdf.