

IT Assignment Coversheet

Course: PROG8080 – Database Management

Program Coordinator: David Allison

Professor/Instructor: Mark Morell

Assignment #: 5

Assignment Type: oximes Individual oximes Pair oximes Team

Date Submitted: October 10th, 2019

Student Information

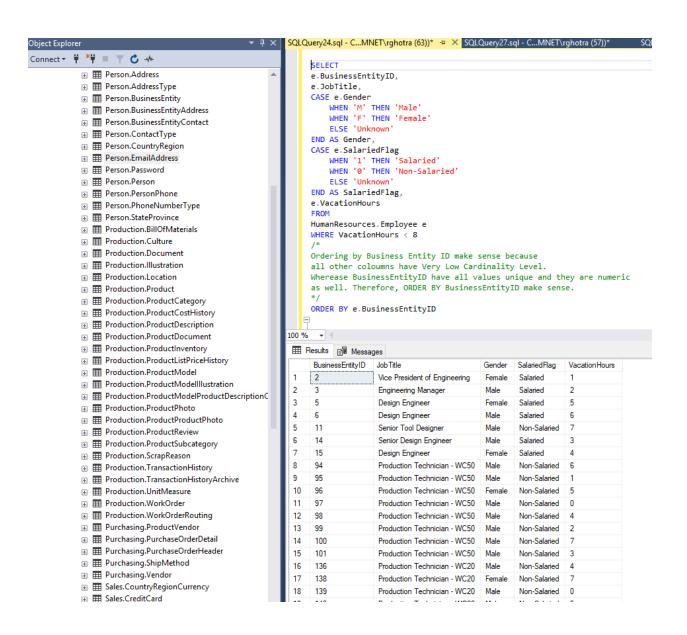
Name	Uploaded (for instructor)
Aparna Tomar	

IT Standards Marking Sheet

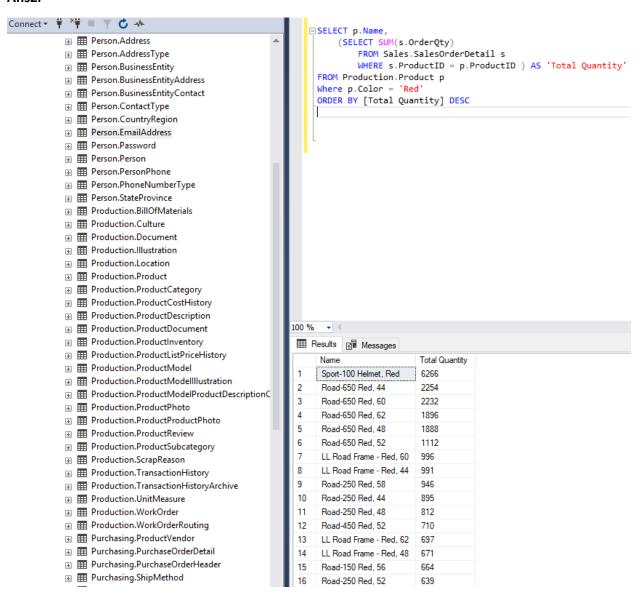
Programming & SQL Standards - 1% each					
P1 Meaningful Identifiers		P20 Code Module Size and Focus			
P2 Prefixes & Hungarian Notation		P21 Single Point of Exit			
P3 Identifier Case Conventions		P22 Disabled Code & Misleading			
P4 Header Comments		P23 Each Class in a File Named			
P5 Method Comments		P24 Class Organization			
P9 "Magic" Numbers and Strings		P25 Unwise Coding Practice			
P10 Constant Scope		SQL1 Table Names			
P11 Indentation		SQL2 Column Names			
P12 Line Length and Wrapping		SQL3 Keywords & Function Names			
P13 Blank Lines		SQL4 Header Comments			
P14 Code Crowding		SQL5 Output Messages			
P15 Space Around Binary Operators		SQL6 Implementation Comments			
P16 Space After Delimiters		SQL7 Formatting			
P17 Curly Brace Alignment		SQL8 Subquery IN and =			
P19 Global Variables					
		Late Assignments			
		Days Late	Penalty %		
Base Mark:		1 5			
Standards Penalties: - % -		2	10		
Late Penalties: - % -		3	20		
Final Mark:		4	40		
		5	60		

Question #	Question	Score
1	Retrieve data from the HumanResrouces.Employee table for employees who have taken less than 8 hours of vacation (VacationHours). Show the following information in the results: • Employee ID • Job Title • Gender converted for entries for "Male" and "Female" • The "SalariedFlag" column displayed as: • 1 = "Salaried" • 0 = "Non-Salaried" • Anything Else = "Unknown" • Vacation Hours Order the data in a way that makes sense to you and include a comment to describe why you decided to sort it the way you did	3
2	Using a subquery in the SELECT portion of your query, retrieve a list of Product names from the Production.Product table that are Red in colour and get the total quantity of those products ordered from the Sales.SalesOrderDetail table. Sort your results in descending order by total quantity ordered.	2
3	Using a NOT IN subquery in the WHERE portion of your query, retrieve a list of the following data: • Product Name • Product Number • Product Weight From the Production.Product table. Get only products that are Black that do NOT have any sales in the Sales.SalesOrderDetail table. Order your results in ascending order by product name.	3
4	Re-write the exact same query as #3 above using a NOT EXISTS subquery	2
5	Write a SQL statement to change the phone number in the Person.PersonPhone number for the person with the ID of 305 to 555-867-5309. Also change the ModifiedDate in the record to the current date and time.	2
6	 Write a set of SQL statements in a transaction to: a. Delete entries in the Person.PersonPhone table where the phone number starts with the numbers 703 b. Delete entries in the Person.EmailAddress table where the email address starts with "AB" and the Email Address ID is greater than 5000 Commit the transaction 	3
	Total	15

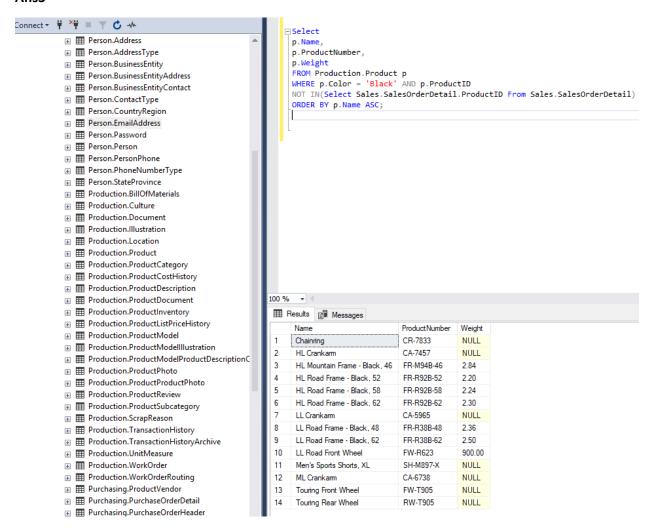
Ans1:



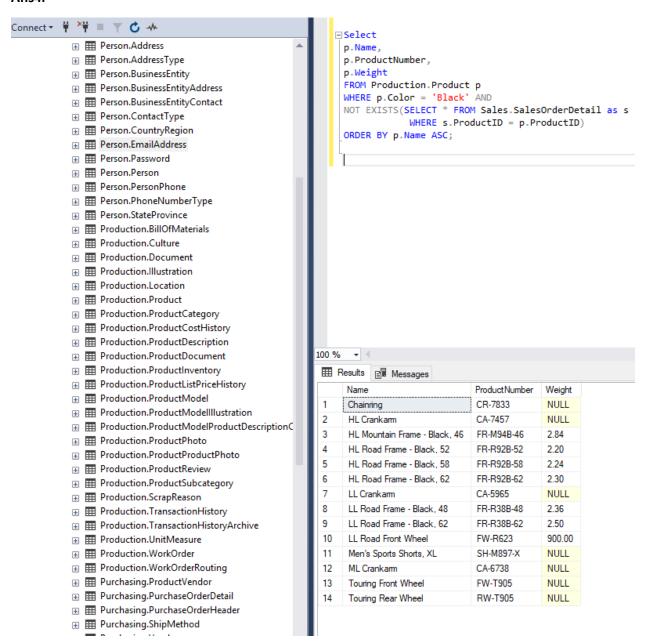
Ans2:



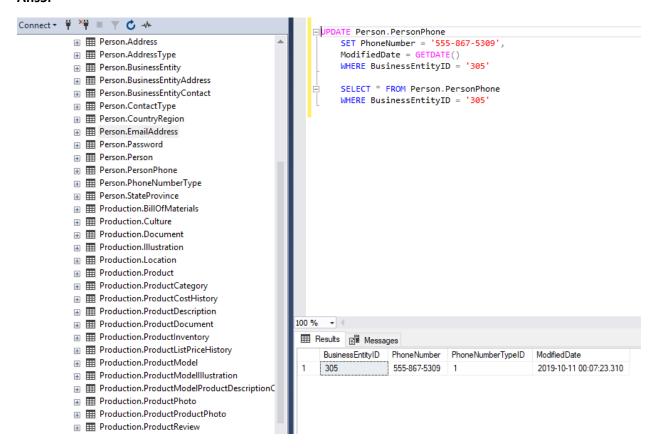
Ans3



Ans4:



Ans5:



Ans6:

