

2021 UIL Computer Applications Tiebreaker - Region

General tiebreaker test instructions: The tiebreaker is a five-minute timed typing test to be completed using Calibri 12-point font in Word. At the end of that time, the contestants will be instructed to send their output to their printers. Scores will be calculated based on gross words per minute typed less one point per word, space, punctuation mark, or capitalization error plus bonus points for following directions or for correct format for a given type of document.

- I. **CREATE** an unbound report in Calibri 12-point type.
 - A. Enter the document on the next page in the report.
 1. Use a 1 ½" top margin and conventional side and bottom margins.
 2. Center the following title in boldface type using all caps: **FRENCH CUISINE**
 - B. Save your document as TB-Region.
 - C. Write your contestant number and TB-Region in the upper right-hand corner of your printout.
- II. **STOP** when time is called and print your document when instructed to do so.

French cuisine involves the cooking methods and traditions used in France. These methods developed throughout the centuries and were influenced by the numerous surrounding cultures of Spain, Italy, Switzerland, Germany, and Belgium.

In the 14th century, Guillaume Tirel, a royal court chef known as Taillevent, wrote *Le Viandier*, one of the earliest recipe collections of medieval France. In the 17th century, chefs François Pierre La Varenne and Marie-Antoine Carême fronted activities that shifted French cooking away from foreign influences and developed France's own indigenous style. Locally produced fruits, cheeses, and wines are a major part of the national cuisine, and there are many variations of the *appellation d'origine contrôlée* or regulated appellation laws.

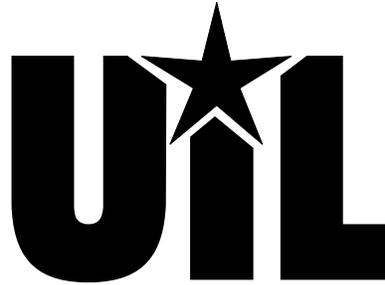
The first steps toward local eateries that formed in France were in the form of locations that offered restorative bouillons, or *restaurants*. This step took place during the 1760s to the 1770s. These locations were always open, featured lavish tableware, and charged affordable prices.

Another routine prior to the late 18th century for diners who wished to eat out was to visit their local guild member's kitchen and have their meal prepared for them. These guild members offered food in their own homes to steady clientele that appeared day-to-day but at set times. The guests would be offered the meal *table d'hôte*, which is a meal offered at a set price but with very little choice of dishes.

In 1782, Antoine Beauvilliers, pastry chef to the future King Louis XVIII, opened one of the most popular restaurants of the time, the Grande Taverne de Londres, located in the cloisters of the Palais-Royal. Other restaurants soon opened in the period leading up to the French Revolution by chefs of the time who were leaving the failing monarchy of France. The substantial discretionary income of the French Directory's nouveau riche helped keep these new restaurants in business.

Knowledge of French cooking has significantly impacted Western cuisines. Its criteria are frequently used in Western cooking schools and culinary education. In November 2010, French gastronomy was added by the UNESCO to its lists of the world's intangible cultural heritage.

UNIVERSITY INTERSCHOLASTIC LEAGUE



Computer Applications

REGION

2021

***DO NOT OPEN YOUR TEST UNTIL YOU ARE TOLD TO BEGIN.
DO NOT LEAVE THE ROOM UNTIL TIME IS CALLED.***

2021 UIL Computer Applications Test - Region

General test instructions: Follow instructions to create printouts for this contest. When time is called, printouts will be graded. Calibri 12-point font must be used for Excel and Word documents, but Access default font size is acceptable for database reports.

I. DATABASE

MAXIMUM 125

- A. Create a blank database named **Region**.
- B. Import the following tables from **2021 Starter Files: Employees and Sales**.
- C. Create a table in design view named **Sales Summary 2019** with the following specifications and field properties.
- D. Populate table with data on the right. Check your values.

Field Name	Data Type	Description (Optional)
SummaryID	Number	Integer, fixed, 0 decimals
Goal 2019	Number	Double, standard, 0 decimals
FullName	Short Text	40 characters; Caption: Full Name
Years Employed	Number	Integer, fixed, 0 decimals
Sales	Number	Double, standard, 0 decimals
Goal 2020	Number	Double, standard, 0 decimals

- E. Create the following relationships and save.
 1. Relate **Employees ID** field from **Employees** table to **Salesman** field of **Sales** table.
 2. Relate **Employees ID** field from **Employees** table to **SummaryID** field of **Sales Summary 2019** table.
 3. Relate **SummaryID** field from **Sales Summary 2019** table to **Salesman** field of **Sales** table.
- F. Create an update query in design view using all tables with the following:
 1. Update **FullName** field of **Sales Summary 2019** table by concatenating **FirstName** and **LastName** fields of **Employees** table with a space between; run the query.
 2. Update **Years Employed** field of **Sales Summary 2019** table using a **DateDiff** function to determine number of years between **DateHired** of **Employees** table and 12/31/2019; run the query.
 3. Update the next two fields before running the query again. *(If you have to correct one of these calculations and rerun the query, the **Sales** and **Goal 2020** fields will have to be reset to zeroes in the **Sales Summary 2019** table.)*
 - a. Update **Sales** field of the **Sales Summary 2019** table by adding the value in **Sales** field of the **Sales Summary 2019** table and **SalesAmount** field of **Sales** table.
 - b. Update the **Goal 2020** of the **Sales Summary 2019** table with the following calculation.
 - (1) Add values in **Sales** field of **Sales Summary 2019** table & **SalesAmount** field of **Sales** table.
 - (2) Multiply the result by 1.08
 - (3) Divide the result of the entire calculation by 100000.
 - (4) Enclose resulting calculation in parentheses and use calculation as parameter of an Int function.
 - (5) Multiply the result of the Int function times 100000. *(This process will result in numbers between 2,900,000 and 3,500,000.)*
 4. Run the query once to update both of these fields.
 5. Save the query as **UpdQry**.
- G. Use the report wizard to create a report with 1" margins and the following specifications.
 1. From **Employees** table, select **FirstName**, **LastName** and **DateHired**.
 2. From **Sales Summary 2019** table, select **SummaryID**, **Goal 2019**, **Years Employed**, **Sales** and **Goal 2020**.
 3. Group by **Years Employed** and sort by **Last Name** in ascending order.
 4. Calculate sum for the **Sales** field.
 5. Use stepped layout and landscape orientation.
 6. Use the following title: **2019 Sales Summary**
 7. Make the following changes in design view.
 - a. Add the following header top aligned with the title and right aligned on the right margin, replacing 99999 with your contestant number: **(99999)-Region-1**
 - b. Center the title between margins.
 - c. Make column heading and group heading in **Years Employed** and **SummaryID** the same size and centered in the column.
 - d. Left align **Last Name** and **First Name** column headings and detail data and right align all other column headings, detail data and summary values in their respective columns.
 - e. Make data in detail lines and page footer plain, black type; make everything else black, boldface type.
 8. Save your report and print on one page.
 9. Your report should have the appearance on the next page. *Colons represent missing data; values may be incorrect, m shading and borders are ignored in grading; date and page number should be generated on the bottom of the printout.)*

SummaryID	Goal 2019
40	2,800,000
115	2,800,000
228	2,800,000
299	2,800,000
337	2,800,000
357	2,800,000

2019 Sales Summary

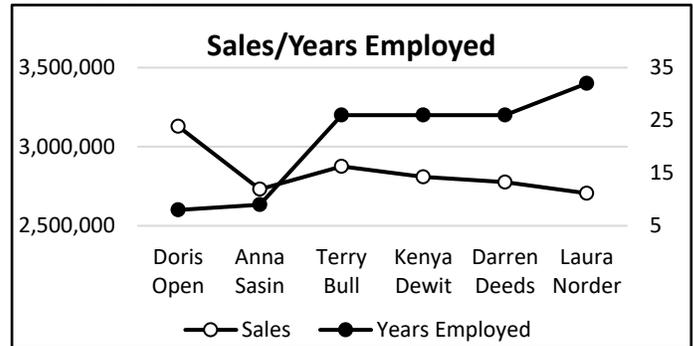
(99999)-Region-1

Years Employed	Last Name	First Name	Date Hired	SummaryID	Goal 2019	Sales	Goal 2020
8	Open	Doris	1/6/2011	337	2,800,000	3,128,867	3,300,000
Summary for 'Years Employed' = 8 (1 detail record)							
Sum						3,128,867	
:	:	:	:	:	:	:	:
Grand Total						17,025,438	

II. SPREADSHEET

- A. With **Sales Summary 2019** table open, export to Excel with formatting and layout and open destination file.
- B. Sort spreadsheet by **Years Employed** in ascending order and add a level to sort on **Sales** in descending order.
- C. Select Cells C1 thru E7 and create a 2D line chart with round markers.

1. Make the **Sales** series a solid, black line with white markers with black outline.
2. Make the **Years Employed** series a solid black line with solid, black markers.
3. Add a secondary y-axis as shown at right for **Years Employed** with scale as shown.
4. Make primary y-axis scale match sample.
5. Wrap x-axis labels wrapped to 2 lines.
6. Show legend with no border below x-axis labels.
7. Use chart title as shown in boldface type, centered above the plot area.
8. Add a black border around the chart and copy the chart to be pasted into a letter in **Part III**.
9. Save your spreadsheet.



III. DOCUMENT WITH CHART

MAXIMUM 200

- A. Create a simplified letter blocked for use with a window envelope using Calibri 12-point type.
 1. Insert the following header 1" from the top of the page and right justified on the right margin, replacing 99999 with your contestant number: (99999)-Region-2
 2. Use today's date.
 3. For inside address, use following: Mr. Willie Biet, Regional Sales Manager, 2 Milam Ln., Houston, TX 77002
 4. For subject line, use the following: 2019 SALES
 5. Use the following for the body of the report.

Reviewing the 2019 sales performance for the six salespeople in your region, we see one clear leader in the group, Doris Open. She is the newest person on your sales team. Your poorest performer was Laura Norder, who has been with the company for the most years. It would probably be in order to give her a serious personnel review.

The formulas used in the attached report are the following:

Full Name: **[Insert formula for FullName from UpdQry in Part I]**

Years Employed: **[Insert formula for Years Employed from UpdQry in Part I]**

Sales: **[Insert formula for Sales from UpdQry in Part I]**

Goal 2020: **[Insert formula for Goal 2020 from UpdQry in Part I]**

6. Place chart from **Part II** top aligned with Paragraph 1 and right aligned on the right margin. *(Be sure everything is readable and x-axis labels are wrapped to 2 lines and horizontal with nothing truncated.)*
 7. Show formula label and formulas immediately following Paragraph 2, left aligned on left margin, with no spaces between.
 8. For sender's name and title, use the following on one line: Vlad Tyre, National Sales Director
 9. Use the following reference initials: uil
 10. Use the following enclosure notation: Enclosure
- B. Save the document to a file called **Region** and print on one page in portrait orientation.

2021 UIL Computer Applications Test - Region - Printout 1

I. DATABASE WITH REPORT		MAXIMUM			125
		PTS	GRD1	GRD2	GRD3
1	Format <i>(Grading for formatting, not correct data)</i>				
2	Printout in landscape orientation on 1 page	10			
3	All margins 1"	5			
4	Title centered	5			
5	Header top aligned with title and right aligned on right margin	5			
6	8 columns of data and no more <i>(count column headings in group header)</i>	5			
7	All column headings matching key and in same order	10			
8	Column headings and detail for Years Employed and SummaryID shown centered in their respective columns	10			
9	Last Name and First Name shown left aligned and all other fields shown right aligned	5			
10	Detail lines and page footer in plain, black type; everything else in bold, black type	5			
11	All detail & summary values for Years Employed, Summary ID, Goal 2019, Sales and Goal 2020 shown as numbers with commas <i>(where needed)</i> and no decimals	5			
12	Nothing shown truncated or wrapped <i>(Check descenders for Summary for.. line)</i>	5			
13	Format Total	70			
14	Grouping/Calculations <i>(Grading for correct data, not formatting)</i>				
15	Records grouped by Years Employed	5			
16	4 groups shown with correct records in each group <i>(If a typo in SummaryID caused another group, credit is given here and typo taken for error.)</i>	5			
17	Records in each group sorted in ascending order by Last Name	5			
18	All detail values in Years Employed matching key or equal to 12/31/2019- Date Hired with decimals truncated <i>(not rounded)</i>	10			
19	All detail values in Sales matching key <i>(if some SummaryID fields are incorrect causing incorrect Sales value, give credit for values here, but deduct typo for each error in SummaryID)</i>	10			
20	All detail values in Goal 2020 matching key <i>(or equal $(([Sales]+[SalesAmount])*1.08)/100,000$ then take the integer value of result and turn the last 4 digits to zero (i.e. $3,128,867*1.08=3,379,176$; answer is 3,300,000)</i>	10			
21	Group summary values for Sales matching key or equal to sum of values in each group	5			
22	Grand Total value shown matching key or equal to sum of group footer values	5			
23	Grouping/Calculations Total	55			
24	◆ SUBTOTAL PRINTOUT	125			
25	SUBTRACT DEDUCTION	Maximum	-40	-	-
26	◆ Deduct 2 points for each typo in the printout. Header is subject to 2 typos, if present, and subject to 2 typos plus 5 points for location, if missing. Shading and borders are ignored in grading. * Formulas may or may not have table names preceding field names; if present, table names need brackets and ! or . following. ◆ Errors include misspelling, missed capitalization or punctuation, extra, double or omitted words, values or rows, words that run together, incorrectly divided words, incorrectly wrapped or truncated words or values or other errors.				
27	◆ TOTAL PRINTOUT	125			
28	GRADERS' INITIALS				

2021 UIL Computer Applications Test - Region - Printout 2

II. DOCUMENT WITH CHART & FORMULAS		MAXIMUM			200
1	Format <i>(Grading for formatting, not correct data)</i>	PTS	GRD1	GRD2	GRD3
2	Printout in portrait orientation on 1 page in Calibri 12 point	10			
3	Top margin 1 3/4", left and right 1", and bottom at least 1"	5			
4	Header shown 1" from top of page and right aligned on right margin	5			
5	Everything shown blocked on the left, not counting header or chart	5			
6	Today's date on the top margin	5			
7	3 lines between date and inside address	5			
8	Inside address shown in all caps with no punctuation	10			
9	1 blank line between inside address & subject & between subject & Paragraph 1	5			
10	Subject shown in all caps	5			
11	Sender's name 3 blank lines below last formula or formula label	5			
12	Sender's name and title in all caps on 1 line with comma between	10			
13	1 blank line between sender's name and reference initials and between reference initials and enclosure notation	5			
14	Format Total	75			
15	Body of Document/Chart/Formulas <i>(Grading for correct data from current test, not formatting)</i>				
16	Add 5 points for each completed paragraph max	10			
17	No blank lines between last paragraph and formula lines	5			
18	2D line chart with round markers shown	5			
19	2D line chart with markers top aligned with Paragraph 1 and right aligned on right margin	5			
20	Add 5 points for line and marker colors for each series matching key max	10			
21	Chart title shown centered above plot area in boldface type	5			
22	Left y-axis shown with scale matching key	5			
23	Right y-axis shown	5			
24	Right y-axis shown with scale matching key	5			
25	X-axis labels shown in order of key	5			
26	X-axis labels wrapped matching key	10			
27	Legend shown below x-axis labels with no border	5			
28	*1st part of Goal 2020 formula shown as $\text{Int}(\text{Sales} + \text{SalesAmount}) * 1.08 /$	10			
29	Rest of Goal 2020 formula shown as $100000 * 100000$	5			
30	*Add 10 points for each of the remaining formulas matching key max	30			
31	Black border shown around chart area	5			
32	Body of Document/Chart/Formulas Total	125			
33	❖ SUBTOTAL PRINTOUT	200			
34	SUBTRACT DEDUCTION Maximum	-40	-	-	-
35	<ul style="list-style-type: none"> ❖ Deduct 2 points for each typo or missing field in the printout, not otherwise graded. Header is subject to 2 typos. * Formulas may have table names preceding field names with square brackets and followed by exclamation point or period. ❖ Errors include misspelling, missed capitalization or punctuation, extra, double, or omitted words, values, or rows, words that run together, incorrectly divided words, incorrect, wrapped or truncated words or values, or other errors. ❖ Stop grading where the student stopped typing. (i.e. if a student has a correct sender's name, he gets credit for all paragraphs completed even if they are incomplete or missing, but typos are taken for the entire document.) 				
36	❖ TOTAL PRINTOUT	200			
37	GRADERS' INITIALS				

2021 UIL Computer Applications Test - Region

FINAL SCORE

❖ TOTAL PRINTOUT 1	125			
❖ TOTAL PRINTOUT 2	200			
❖ TOTAL SCORE	325			
GRADERS' INITIALS				

Design View of Access Report

Report Header									
2019 Sales Summary								(99999)-Region-1	
Page Header									
Years Employed	Last Name	First Name	Date Hired	SummaryID	Goal 2019	Sales	Goal 2020		
Years Employed Header									
Years Employed									
Detail									
	LastName	FirstName	DateHired	SummaryID	Goal 2019	Sales	Goal 2020		
Years Employed Footer									
="Summary for " & "Years Employed" = " & " & [Years Employed] & "(" & Count(*) & " " & If(Count(*)=1,"detail record","detail recor									
Sum						=Sum([Sales]			
Page Footer									
=Now()					="Page " & [Page] & " of " & [Pages]				
Report Footer									
Grand Total						=Sum([Sales]			

2019 Sales Summary							(99999)-Region-1	
Years Employed	Last Name	First Name	Date Hired	SummaryID	Goal 2019	Sales	Goal 2020	
8								
	Open	Doris	1/6/2011	337	2,800,000	3,128,867	3,300,000	
Summary for 'Years Employed' = 8 (1 detail record)								
Sum						3,128,867		
9								
	Sasin	Anna	6/30/2010	40	2,800,000	2,731,178	2,900,000	
Summary for 'Years Employed' = 9 (1 detail record)								
Sum						2,731,178		
26								
	Bull	Terry	9/5/1993	357	2,800,000	2,875,206	3,100,000	
	Deeds	Darren	11/30/1993	115	2,800,000	2,775,622	2,900,000	
	Dewit	Kenya	6/1/1993	228	2,800,000	2,809,036	3,000,000	
Summary for 'Years Employed' = 26 (3 detail records)								
Sum						8,459,864		
32								
	Norder	Laura	11/18/1987	299	2,800,000	2,705,529	2,900,000	
Summary for 'Years Employed' = 32 (1 detail record)								
Sum						2,705,529		
Grand Total						17,025,438		

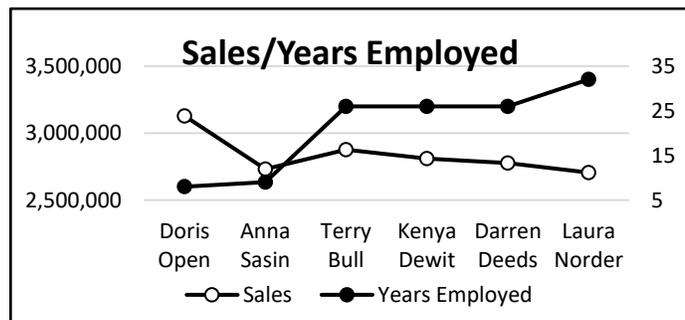
(99999)-Region-2

Today's date

MR WILLIE BIET
REGIONAL SALES MANAGER
2 MILAM LN
HOUSTON TX 77002

2019 SALES

Reviewing the 2019 sales performance for the six salespeople in your region, we see one clear leader in the group, Doris Open. She is the newest person on your sales team. Your poorest performer was Laura Norder, who has been with the company for the most years. It would probably be in order to give her a serious personnel review.



The formulas used in the attached report are the following:

Full Name: [FirstName] & " " & [LastName]

Years Employed: DateDiff("yyyy",[DateHired],#12/31/2019#)

Sales: [Sales]+[SalesAmount]

Goal 2020: Int(((Sales)+[SalesAmount])*1.08/100000)*100000

VLAD TYRE, NATIONAL SALES DIRECTOR

uil

Enclosure

2021 UIL Computer Applications Tiebreaker Score Sheet - Region

GENERAL INSTRUCTIONS: All contestants take the tiebreaker component of the test, but it is only to be scored if a tie occurs in the top six places.

I. CALCULATE GROSS WORDS PER MINUTE:

- A. Circle all errors on the tied contestants' papers.
- B. Determine the gross words per minute.
 1. Find the number of words typed to the right of the last complete line typed by contestant.
 2. Add the number of words in the last line if it is incomplete to the tally.
 3. Divide the number by five to get the gross words per minute.
 4. For example, if a contestant typed twenty lines plus seven words on the next line, add the number out to the right of the completed line plus seven.
 5. Divide by five to get gross words per minute.

II. DETERMINE THE GROSS WORDS PER MINUTE

III. DEDUCT ONE POINT FOR EACH ERROR

IV. ✓ TOTAL - GROSS WPM TYPED LESS ERRORS

V. ADD FIVE BONUS POINT FOR EACH SUCCESS

FORMAT	Top margin 1 ½"			
	Left margin 1"			
	Right margin 1"			
	Bottom margin 1 - 1 ½"			
TITLE	Title in boldface type			
	Title centered			
	3 blank lines between title and body			
BODY	Body of report double spaced			
	Paragraphs indented			
¶ 2	Cedilla mark shown on ç in François			
	Circumflex mark shown on ê in Carême			
	Add five points for circumflex on ô and for acute accent on é in <i>contrôlée</i>			max 10
¶ 4	Circumflex mark shown on ê in <i>d'hôte</i>			
Credit for Page 2 only if Page 2 is present:				
PAGE 2	No single line paragraph ending Page 1			
	No single line paragraph beginning Page 2			
	Top margin 1" on Page 2			
	Page number in upper right margin			
✓ TOTAL - BONUS POINTS				
✓ GRAND TOTAL-WPM PLUS BONUS POINTS				
GRADERS' INITIALS				

FRENCH CUISINE

French cuisine involves the cooking methods and traditions used in France. These	14
methods developed throughout the centuries and were influenced by the numerous	25
surrounding cultures of Spain, Italy, Switzerland, Germany, and Belgium.	34
In the 14 th century, Guillaume Tirel, a royal court chef known as Taillevent, wrote <i>Le</i>	49
<i>Viandier</i> , one of the earliest recipe collections of medieval France. In the 17 th century, chefs	64
François Pierre La Varenne and Marie-Antoine Carême fronted activities that shifted French	76
cooking away from foreign influences and developed France's own indigenous style. Locally	88
produced fruits, cheeses, and wines are a major part of the national cuisine, and there are	104
many variations of the <i>appellation d'origine contrôlée</i> or regulated appellation laws.	115
The first steps toward local eateries that formed in France were in the form of locations	131
that offered restorative bouillons, or <i>restaurants</i> . This step took place during the 1760s to the	146
1770s. These locations were always open, featured lavish tableware, and charged affordable	158
prices. Another routine prior to the late 18 th century for diners who wished to eat out was	175
to visit their local guild member's kitchen and have their meal prepared for them. These guild	191
members offered food in their own homes to steady clientele that appeared day-to-day but	205
at set times. The guests would be offered the meal <i>table d'hôte</i> , which is a meal offered at a	224
set price but with very little choice of dishes.	233

In 1782, Antoine Beauvilliers, pastry chef to the future King Louis XVIII, opened one of	248
the most popular restaurants of the time, the Grande Taverne de Londres, located in the	263
cloisters of the Palais-Royal. Other restaurants soon opened in the period leading up to the	278
French Revolution by chefs of the time who were leaving the failing monarchy of France.	293
The substantial discretionary income of the French Directory's nouveau riche helped	305
keep these new restaurants in business.	311
Knowledge of French cooking has significantly impacted Western cuisines. Its criteria	322
are frequently used in Western cooking schools and culinary education. In November 2010,	335
French gastronomy was added by the UNESCO to its lists of the world's intangible cultural	350
heritage.	351