

Contestant Number: _____

Time: _____

Rank: _____



ADVANCED SPREADSHEET APPLICATIONS (235)

REGIONAL 2021

Production:

Job 1: Formulas	_____	(145 points)
Job 2: Advanced Formulas	_____	(90 points)
Job 3: Charts	_____	(65 points)
TOTAL POINTS	_____	(300 points)

Test Time: 90 minutes

GENERAL GUIDELINES:

Failure to adhere to any of the following rules will result in disqualification:

1. Contestant must hand in this test booklet and all printouts if any. Failure to do so will result in disqualification.
2. No equipment, supplies, or materials other than those specified for this event are allowed in the testing area. No previous BPA tests and/or sample tests (handwritten, photocopied, or keyed) are allowed in the testing area.
3. Electronic devices will be monitored according to ACT standards.

INSTRUCTIONS:

1. Key your contestant number and printout number in the right section of a footer on each printout on a separate line in the footer. Your name or initials should *not* appear on any work you submit.
2. Center the following information in a header on each printout: File name and the sheet name. Each item should appear on a separate line in the header.
3. If you finish before the end of the testing time, notify the proctor. Time may be a factor in determining the winner in the event of a tie.
4. When turning in your contest, arrange all jobs in the correct printout order (included in instructions).
5. Write your contestant number in the provided spaces on the test cover page.

Job 1 (Formulas)	Points Possible	Points Earned
Contestant # and Job # in right section of footer	10	
File name and sheet name in the header	10	
A1:C1 and A2:C2 are Merged and Centered	5	
Title Style applied to A1	5	
Heading 2 Style applied to A2	5	
Accounting format applied to Column C	5	
B14 is Count formula	10	
B15 is Average formula	10	
B16 is Minimum formula	10	
B17 is Maximum formula	10	
B18 and B19 have Countif formulas (10 points each)	20	
B20 and B21 have AVERAGEIF formulas (10 points each)	20	
Gridlines and Headings are on the printout	10	
Orientation is Landscape	5	
Table is centered horizontally and vertically on printout	10	
Subtotal	145	
Job 2 (Advanced Formulas)	Points Possible	Points Earned
Contestant # and Job # in right section of footer	10	
File name and sheet name in the header	10	
VLOOKUP formulas in the Cost column	10	
VLOOKUP formulas in the Start Date column	10	
IF formula in the Program Bonus column	15	
Accounting format for Column F	5	
List is sorted alphabetically by Last Name, First Name, then Cost	10	
Gridlines are on the Printout	5	
Data and Formulas are printed	10	
Orientation is changed to Landscape on the formula printout	5	
Subtotal	90	

Job 3 (Charts)	Points Possible	Points Earned
Contestant # and Job # in right section of footer	10	
File name and sheet name in the header	10	
Column B is formatted to Currency	5	
3-D Pie Chart showing Expenses and Cost	10	
Quick Layout 4 applied to the Pie Chart	10	
Monochromatic Color 6 applied to the Pie Chart	5	
Title of chart added to the Chart	5	
Data is filtered so Airline Expense is <i>not</i> on the Chart	10	
Subtotal	65	
TOTAL POINTS	300	

Job 1 –Formulas (145 points)

Directions: Complete the project and add some advanced formulas to the workbook. The formulas you will be using are COUNTIF and AVERAGEIF.

1. Open the COLLINGWOOD HIGH SCHOOL file from the folder.
2. Rename Sheet 1, Scholarship Recipients 2021.
3. Merge and Center cells A1:C1 and A2:C2.
4. Apply the Title Style to cell A1.
5. Apply the Heading 2 Style to cell A2.
6. Change the rest of the text to Times New Roman size 12.
7. Bold, Underline and Center the text in Cells A3:C3.
8. Apply the Accounting number format to Column C.
9. In Cell C12, enter a formula to find the Total Scholarships amount.
10. Bold the text in B12 and double underline the number in cell C12.

11. Enter the following formulas to complete the spreadsheet.
 - B14 – COUNT formula
 - B15 – AVERAGE formula
 - B16 – MINIMUM formula
 - B17 – MAXIMUM formula
 - B18 – COUNTIF formula
 - B19 – COUNTIF formula
 - B20 – AVERAGEIF formula
 - B21 – AVERAGEIF formula

12. Show Gridlines and Headings on your printouts
13. Change the Orientation to Landscape
14. Adjust the Column Widths to the following:
 - Column A – 43, Column B and C – 19
15. Center your spreadsheet Horizontally and Vertically on the sheet
16. Print the Collingwood High School Spreadsheet
17. Show your formulas on your spreadsheet
18. Resize each column so that everything fits
19. Print the formulas for Collingwood High School Spreadsheet

Job 2 – Advanced Formulas (90 points)

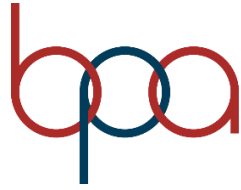
1. Open the BUSINESS EDUCATION PROGRAM spreadsheet from the folder.
2. Rename Sheet 1, Student Roster.
3. Name the Range H3:J6, *Program*.
4. In the Cost column, use a VLOOKUP formula to show the cost for each student based on their Program using the *Program* range as the reference.
5. In the Start Date Column, use a VLOOKUP formula to show the start date for each student based on their Program using the *Program* range as the reference.
6. If the student is the Accelerated Program, they will get a discount. In the Program Bonus Column, create an IF statement to show the following.
If they are in the Accelerated Program, subtract the Discount from the Cost. If the student is not in the Accelerated Program, then they should have a “0” in Column F. Use an Absolute Reference for the Discount in cell L4.
7. Copy the formula in F4 down the column through F46.
8. Format Column F to Accounting Number format. (Zero’s should change to “-“).
9. Custom Sort the list by Last Name, then by First Name, then by Cost. (all in ascending order).
10. Show gridlines before printing.
11. Adjust the Page Scaling so the printout fits on one page.
12. Print the data.
13. Show formulas. Resize all columns so that all data and formulas fit.
14. Change the orientation to landscape.
15. Print the formulas.

Job 3 – Charts (65 points)

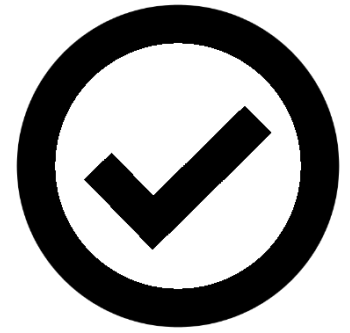
Create the following spreadsheet as shown below. Font is Times New Roman, size 12.

	A	B
1	Monthly Special Expenses	
2	Council Presentation	245
3	Impact Analysis	75
4	VP Staff Meetings	165
5	Airline Expense	475
6	Board Meetings	225
7	Speaker Wages	375
8	Total	

1. Rename Sheet 1, “Expenses”.
2. Save the spreadsheet as “Monthly Special Expenses”.
3. Format Column B to Currency number format.
4. Use the SUM function in B8.
5. Create a 3-D Pie Chart showing the Expenses and the Cost.
6. Apply Quick Layout 4 to the Pie Chart.
7. Change the color to Monochromatic Color 6.
8. Add a Centered Overlay Chart Title of “Monthly Special Expenses”. Change the font to Times New Roman, size 18.
9. Resize and move the Chart so it fills cells A9:H26.
10. Change the font of the Data Labels to Times New Roman, size 11.
11. Filter the Chart so that the “Airline Expense” is excluded from the Chart.
12. Print the Expenses Sheet.



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ADVANCED SPREADSHEET APPLICATIONS

(235)

REGIONAL 2021

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Job 1: Formulas	_____	(145 points)
Job 2: Advanced Formulas	_____	(90 points)
Job 3: Charts	_____	(65 points)
TOTAL POINTS	_____	(300 points)

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GRADER: Points are all or none unless otherwise noted!

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Contestant # and Job # in right section of footer	10	
File name and sheet name in the header	10	
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Title Style applied to A1	5	
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Table is centered horizontally and vertically on printout	10	
Subtotal	145	
Job 2 (Advanced Formulas)	Points Possible	Points Earned
Contestant # and Job # in right section of footer	10	
File name and sheet name in the header	10	
VLOOKUP formulas in the Cost column	10	
VLOOKUP formulas in the Start Date column	10	
IF formula in the Program Bonus column	15	
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Monochromatic Color 6 applied to the Pie Chart	5	
Title of chart added to the Chart	5	
Data is filtered so Airline Expense is <i>not</i> on the Chart	10	
Subtotal	65	
TOTAL POINTS	300	

Job 1 – Formulas (165 Points)

Collingwood High School
Scholarship Recipients 2021

	A	B	C
1	Collingwood High School		
2	Scholarship Recipients		
3	Student Name	Scholarship Type	Amount
4	Hana Caldwell	Academic	\$ 5,000.00
5	Zoya Stuart	Athletic	\$ 8,000.00
6	Willie Ferguson	Community Service	\$ 650.00
7	Nettie Hubbard	Academic	\$ 10,000.00
8	Kara Porter	Athletic	\$ 15,000.00
9	Laila Woods	Athletic	\$ 12,000.00
10	Alicia Morgan	Academic	\$ 4,000.00
11	Caroline Carpenter	Community Service	\$ 425.00
12	Total Scholarships		\$ 55,075.00
13			
14	Number of Scholarships		8
15	Average Scholarships Received	\$	6,884
16	Minimum Scholarship	\$	425
17	Maximum Scholarship	\$	15,000
18	Number of Scholarships < \$1,000		2
19	Number of Scholarships = or > \$5,000		5
20	Average Amount of Scholarships < \$1,000	\$	538
21	Average Amount of Scholarships = or > \$5,000	\$	10,000

Contestant #
Print out #1

Collingwood High School
Scholarship Recipients 2021

	A	B	C
1	Collingwood High School		
2	Scholarship Recipients		
3	Student Name	Scholarship Type	Amount
4	Hana Caldwell	Academic	5000
5	Zoya Stuart	Athletic	8000
6	Willie Ferguson	Community Service	650
7	Nettie Hubbard	Academic	10000
8	Kara Porter	Athletic	15000
9	Laila Woods	Athletic	12000
10	Alicia Morgan	Academic	4000
11	Caroline Carpenter	Community Service	425
12	Total Scholarships		=SUM(Amount)
13			
14	Number of Scholarships	=COUNT(Amount)	
15	Average Scholarships Received	=AVERAGE(Amount)	
16	Minimum Scholarship	=MIN(Amount)	
17	Maximum Scholarship	=MAX(Amount)	
18	Number of Scholarships < \$1,000	=COUNTIF(Amount,"<1000")	
19	Number of Scholarships = or > \$5,000	=COUNTIF(Amount,">=5000")	
20	Average Amount of Scholarships < \$1,000	=AVERAGEIF(Amount,"<1000")	
21	Average Amount of Scholarships = or > \$5,000	=AVERAGEIF(Amount,">=5000")	

Contestant #
Print out #2

Job 2 – Advanced Formulas (90 points) Printout #1

Business Education Program
Student Roster

Business Education Program									
Student Roster									
First Name	Last Name	Program	Cost	Start Date	Program Bonus	Program	Cost	Start Date	Discount
Robert	Abbott	Accelerated	\$ 12,250	June	\$ 11,750.00	2 Year	\$ 16,795	January	\$500
Bertha	Alexander	4 Year	\$ 30,450	August	\$ -	4 Year	\$ 30,450	August	
Marie	Austin	Accelerated	\$ 12,250	June	\$ 11,750.00	Accelerated	\$ 12,250	June	
Acyra	Auston	4 Year	\$ 30,450	August	\$ -				
Owan	Barnett	4 Year	\$ 30,450	August	\$ -				
Froya	Carey	4 Year	\$ 30,450	August	\$ -				
Robin	Cruz	2 Year	\$ 16,795	January	\$ -				
Aysla	Cunningham	2 Year	\$ 16,795	January	\$ -				
Adrian	Blair	4 Year	\$ 30,450	August	\$ -				
Liam	Field	2 Year	\$ 16,795	January	\$ -				
Lera y	Gardner	Accelerated	\$ 12,250	June	\$ 11,750.00				
Arya	Garratt	2 Year	\$ 16,795	January	\$ -				
Koifin	Gibson	Accelerated	\$ 12,250	June	\$ 11,750.00				
Robbie	Harmon	2 Year	\$ 16,795	January	\$ -				
Jasmine	Hawkins	Accelerated	\$ 12,250	June	\$ 11,750.00				
Aliya	Jimenez	Accelerated	\$ 12,250	June	\$ 11,750.00				
Isla	Jones	2 Year	\$ 16,795	January	\$ -				
Jack	Jones	Accelerated	\$ 12,250	June	\$ 11,750.00				
Ted	Khan	2 Year	\$ 16,795	January	\$ -				
Heather	Love	Accelerated	\$ 12,250	June	\$ 11,750.00				
Kane	Mann	Accelerated	\$ 12,250	June	\$ 11,750.00				
Bre	McDonalds	Accelerated	\$ 12,250	June	\$ 11,750.00				
Lauren	Mejia	2 Year	\$ 16,795	January	\$ -				
Madeline	Myers	4 Year	\$ 30,450	August	\$ -				
Khalid	Naylor	Accelerated	\$ 12,250	June	\$ 11,750.00				
Oscar	Osborne	4 Year	\$ 30,450	August	\$ -				
Billy	Palmer	2 Year	\$ 16,795	January	\$ -				
Millie	Palmer	Accelerated	\$ 12,250	June	\$ 11,750.00				
Paige	Parsons	Accelerated	\$ 12,250	June	\$ 11,750.00				
Helen	Peterson	Accelerated	\$ 12,250	June	\$ 11,750.00				
Melissa	Romero	4 Year	\$ 30,450	August	\$ -				
Aliyah	Sherman	2 Year	\$ 16,795	January	\$ -				
Christina	Spencer	2 Year	\$ 16,795	January	\$ -				
Annie	Stanley	4 Year	\$ 30,450	August	\$ -				
Jamie	Stevenson	2 Year	\$ 16,795	January	\$ -				
Jim	Stevenson	4 Year	\$ 30,450	August	\$ -				
Phoebe	Strickland	Accelerated	\$ 12,250	June	\$ 11,750.00				
Lacey	Taylor	4 Year	\$ 30,450	August	\$ -				
Jon	Thomas	2 Year	\$ 16,795	January	\$ -				
Tamara	Thomas	2 Year	\$ 16,795	January	\$ -				
Anika	Thomton	Accelerated	\$ 12,250	June	\$ 11,750.00				
Declan	Watson	4 Year	\$ 30,450	August	\$ -				
Kian	Wise	4 Year	\$ 30,450	August	\$ -				

Contestant #
Printout #1

Job 2 – Advanced Formulas (Printout #2)

Business Education Program
Student Roster

Business Education Program									
Student Roster									
First Name	Last Name	Program	Cost	Start Date	Program Bonus	Program	Cost	Start Date	Discount
Robert	Abbot	Accelerated	=VLOOKUP(C4,Program,2)	=VLOOKUP(C4,Program,3)	=IF(C4="Accelerated",D4-\$1,54,0)	2 Year	16795	January	500
Bertha	Alexander	4 Year	=VLOOKUP(C5,Program,2)	=VLOOKUP(C5,Program,3)	=IF(C5="Accelerated",D5-\$1,54,0)	4 Year	30450	August	
Marie	Austin	Accelerated	=VLOOKUP(C6,Program,2)	=VLOOKUP(C6,Program,3)	=IF(C6="Accelerated",D6-\$1,54,0)	Accelerated	12250	June	
Asya	Auston	4 Year	=VLOOKUP(C7,Program,2)	=VLOOKUP(C7,Program,3)	=IF(C7="Accelerated",D7-\$1,54,0)				
Owen	Barnett	4 Year	=VLOOKUP(C8,Program,2)	=VLOOKUP(C8,Program,3)	=IF(C8="Accelerated",D8-\$1,54,0)				
Fraya	Carey	4 Year	=VLOOKUP(C9,Program,2)	=VLOOKUP(C9,Program,3)	=IF(C9="Accelerated",D9-\$1,54,0)				
Robin	Cruz	2 Year	=VLOOKUP(C10,Program,2)	=VLOOKUP(C10,Program,3)	=IF(C10="Accelerated",D10-\$1,54,0)				
Aysha	Cunningham	2 Year	=VLOOKUP(C11,Program,2)	=VLOOKUP(C11,Program,3)	=IF(C11="Accelerated",D11-\$1,54,0)				
Adrian	Bliotr	4 Year	=VLOOKUP(C12,Program,2)	=VLOOKUP(C12,Program,3)	=IF(C12="Accelerated",D12-\$1,54,0)				
Liam	Field	2 Year	=VLOOKUP(C13,Program,2)	=VLOOKUP(C13,Program,3)	=IF(C13="Accelerated",D13-\$1,54,0)				
Leroy	Gardner	Accelerated	=VLOOKUP(C14,Program,2)	=VLOOKUP(C14,Program,3)	=IF(C14="Accelerated",D14-\$1,54,0)				
Arya	Garrett	2 Year	=VLOOKUP(C15,Program,2)	=VLOOKUP(C15,Program,3)	=IF(C15="Accelerated",D15-\$1,54,0)				
Kaitlin	Gibson	Accelerated	=VLOOKUP(C16,Program,2)	=VLOOKUP(C16,Program,3)	=IF(C16="Accelerated",D16-\$1,54,0)				
Robbie	Hamon	2 Year	=VLOOKUP(C17,Program,2)	=VLOOKUP(C17,Program,3)	=IF(C17="Accelerated",D17-\$1,54,0)				
Jasmine	Hawkins	Accelerated	=VLOOKUP(C18,Program,2)	=VLOOKUP(C18,Program,3)	=IF(C18="Accelerated",D18-\$1,54,0)				
Aliya	Jimenez	Accelerated	=VLOOKUP(C19,Program,2)	=VLOOKUP(C19,Program,3)	=IF(C19="Accelerated",D19-\$1,54,0)				
Isla	Jones	2 Year	=VLOOKUP(C20,Program,2)	=VLOOKUP(C20,Program,3)	=IF(C20="Accelerated",D20-\$1,54,0)				
Jack	Jones	Accelerated	=VLOOKUP(C21,Program,2)	=VLOOKUP(C21,Program,3)	=IF(C21="Accelerated",D21-\$1,54,0)				
Ted	Khan	2 Year	=VLOOKUP(C22,Program,2)	=VLOOKUP(C22,Program,3)	=IF(C22="Accelerated",D22-\$1,54,0)				
Heather	Love	Accelerated	=VLOOKUP(C23,Program,2)	=VLOOKUP(C23,Program,3)	=IF(C23="Accelerated",D23-\$1,54,0)				
Kane	Mann	Accelerated	=VLOOKUP(C24,Program,2)	=VLOOKUP(C24,Program,3)	=IF(C24="Accelerated",D24-\$1,54,0)				
Eve	McDonalds	Accelerated	=VLOOKUP(C25,Program,2)	=VLOOKUP(C25,Program,3)	=IF(C25="Accelerated",D25-\$1,54,0)				
Lauren	Mejia	2 Year	=VLOOKUP(C26,Program,2)	=VLOOKUP(C26,Program,3)	=IF(C26="Accelerated",D26-\$1,54,0)				
Madeline	Myers	4 Year	=VLOOKUP(C27,Program,2)	=VLOOKUP(C27,Program,3)	=IF(C27="Accelerated",D27-\$1,54,0)				
Khalid	Naylor	Accelerated	=VLOOKUP(C28,Program,2)	=VLOOKUP(C28,Program,3)	=IF(C28="Accelerated",D28-\$1,54,0)				
Oscar	Osborne	4 Year	=VLOOKUP(C29,Program,2)	=VLOOKUP(C29,Program,3)	=IF(C29="Accelerated",D29-\$1,54,0)				
Billy	Palmer	2 Year	=VLOOKUP(C30,Program,2)	=VLOOKUP(C30,Program,3)	=IF(C30="Accelerated",D30-\$1,54,0)				
Millie	Palmer	Accelerated	=VLOOKUP(C31,Program,2)	=VLOOKUP(C31,Program,3)	=IF(C31="Accelerated",D31-\$1,54,0)				
Paige	Parsons	Accelerated	=VLOOKUP(C32,Program,2)	=VLOOKUP(C32,Program,3)	=IF(C32="Accelerated",D32-\$1,54,0)				
Helen	Peterson	Accelerated	=VLOOKUP(C33,Program,2)	=VLOOKUP(C33,Program,3)	=IF(C33="Accelerated",D33-\$1,54,0)				
Melissa	Romero	4 Year	=VLOOKUP(C34,Program,2)	=VLOOKUP(C34,Program,3)	=IF(C34="Accelerated",D34-\$1,54,0)				
Alikyah	Sherman	2 Year	=VLOOKUP(C35,Program,2)	=VLOOKUP(C35,Program,3)	=IF(C35="Accelerated",D35-\$1,54,0)				
Christina	Spencer	2 Year	=VLOOKUP(C36,Program,2)	=VLOOKUP(C36,Program,3)	=IF(C36="Accelerated",D36-\$1,54,0)				
Annie	Stanley	4 Year	=VLOOKUP(C37,Program,2)	=VLOOKUP(C37,Program,3)	=IF(C37="Accelerated",D37-\$1,54,0)				
Jamie	Stevenson	2 Year	=VLOOKUP(C38,Program,2)	=VLOOKUP(C38,Program,3)	=IF(C38="Accelerated",D38-\$1,54,0)				
Jim	Stevenson	4 Year	=VLOOKUP(C39,Program,2)	=VLOOKUP(C39,Program,3)	=IF(C39="Accelerated",D39-\$1,54,0)				
Phoebe	Stokland	Accelerated	=VLOOKUP(C40,Program,2)	=VLOOKUP(C40,Program,3)	=IF(C40="Accelerated",D40-\$1,54,0)				
Lacey	Taylor	4 Year	=VLOOKUP(C41,Program,2)	=VLOOKUP(C41,Program,3)	=IF(C41="Accelerated",D41-\$1,54,0)				
Jon	Thomas	2 Year	=VLOOKUP(C42,Program,2)	=VLOOKUP(C42,Program,3)	=IF(C42="Accelerated",D42-\$1,54,0)				
Tamara	Thomas	2 Year	=VLOOKUP(C43,Program,2)	=VLOOKUP(C43,Program,3)	=IF(C43="Accelerated",D43-\$1,54,0)				
Anika	Thornton	Accelerated	=VLOOKUP(C44,Program,2)	=VLOOKUP(C44,Program,3)	=IF(C44="Accelerated",D44-\$1,54,0)				
Dedan	Watson	4 Year	=VLOOKUP(C45,Program,2)	=VLOOKUP(C45,Program,3)	=IF(C45="Accelerated",D45-\$1,54,0)				
Kian	Wise	4 Year	=VLOOKUP(C46,Program,2)	=VLOOKUP(C46,Program,3)	=IF(C46="Accelerated",D46-\$1,54,0)				

Constant #
Printout #2

Job 2 – Advanced Formulas (Zoom in on Formulas)

This is not an additional printout, just a close up of the formulas for Printout #2.

ss Education Program		
Student Roster		
Cost	Start Date	Program Bonus
=VLOOKUP(C4,Program,2)	=VLOOKUP(C4,Program,3)	=IF(C4="Accelerated",D4-\$L\$4,0)
=VLOOKUP(C5,Program,2)	=VLOOKUP(C5,Program,3)	=IF(C5="Accelerated",D5-\$L\$4,0)
=VLOOKUP(C6,Program,2)	=VLOOKUP(C6,Program,3)	=IF(C6="Accelerated",D6-\$L\$4,0)
=VLOOKUP(C7,Program,2)	=VLOOKUP(C7,Program,3)	=IF(C7="Accelerated",D7-\$L\$4,0)
=VLOOKUP(C8,Program,2)	=VLOOKUP(C8,Program,3)	=IF(C8="Accelerated",D8-\$L\$4,0)
=VLOOKUP(C9,Program,2)	=VLOOKUP(C9,Program,3)	=IF(C9="Accelerated",D9-\$L\$4,0)
=VLOOKUP(C10,Program,2)	=VLOOKUP(C10,Program,3)	=IF(C10="Accelerated",D10-\$L\$4,0)
=VLOOKUP(C11,Program,2)	=VLOOKUP(C11,Program,3)	=IF(C11="Accelerated",D11-\$L\$4,0)
=VLOOKUP(C12,Program,2)	=VLOOKUP(C12,Program,3)	=IF(C12="Accelerated",D12-\$L\$4,0)
=VLOOKUP(C13,Program,2)	=VLOOKUP(C13,Program,3)	=IF(C13="Accelerated",D13-\$L\$4,0)
=VLOOKUP(C14,Program,2)	=VLOOKUP(C14,Program,3)	=IF(C14="Accelerated",D14-\$L\$4,0)
=VLOOKUP(C15,Program,2)	=VLOOKUP(C15,Program,3)	=IF(C15="Accelerated",D15-\$L\$4,0)
=VLOOKUP(C16,Program,2)	=VLOOKUP(C16,Program,3)	=IF(C16="Accelerated",D16-\$L\$4,0)
=VLOOKUP(C17,Program,2)	=VLOOKUP(C17,Program,3)	=IF(C17="Accelerated",D17-\$L\$4,0)
=VLOOKUP(C18,Program,2)	=VLOOKUP(C18,Program,3)	=IF(C18="Accelerated",D18-\$L\$4,0)
=VLOOKUP(C19,Program,2)	=VLOOKUP(C19,Program,3)	=IF(C19="Accelerated",D19-\$L\$4,0)
=VLOOKUP(C20,Program,2)	=VLOOKUP(C20,Program,3)	=IF(C20="Accelerated",D20-\$L\$4,0)
=VLOOKUP(C21,Program,2)	=VLOOKUP(C21,Program,3)	=IF(C21="Accelerated",D21-\$L\$4,0)
=VLOOKUP(C22,Program,2)	=VLOOKUP(C22,Program,3)	=IF(C22="Accelerated",D22-\$L\$4,0)
=VLOOKUP(C23,Program,2)	=VLOOKUP(C23,Program,3)	=IF(C23="Accelerated",D23-\$L\$4,0)
=VLOOKUP(C24,Program,2)	=VLOOKUP(C24,Program,3)	=IF(C24="Accelerated",D24-\$L\$4,0)
=VLOOKUP(C25,Program,2)	=VLOOKUP(C25,Program,3)	=IF(C25="Accelerated",D25-\$L\$4,0)
=VLOOKUP(C26,Program,2)	=VLOOKUP(C26,Program,3)	=IF(C26="Accelerated",D26-\$L\$4,0)
=VLOOKUP(C27,Program,2)	=VLOOKUP(C27,Program,3)	=IF(C27="Accelerated",D27-\$L\$4,0)
=VLOOKUP(C28,Program,2)	=VLOOKUP(C28,Program,3)	=IF(C28="Accelerated",D28-\$L\$4,0)
=VLOOKUP(C29,Program,2)	=VLOOKUP(C29,Program,3)	=IF(C29="Accelerated",D29-\$L\$4,0)
=VLOOKUP(C30,Program,2)	=VLOOKUP(C30,Program,3)	=IF(C30="Accelerated",D30-\$L\$4,0)
=VLOOKUP(C31,Program,2)	=VLOOKUP(C31,Program,3)	=IF(C31="Accelerated",D31-\$L\$4,0)
=VLOOKUP(C32,Program,2)	=VLOOKUP(C32,Program,3)	=IF(C32="Accelerated",D32-\$L\$4,0)
=VLOOKUP(C33,Program,2)	=VLOOKUP(C33,Program,3)	=IF(C33="Accelerated",D33-\$L\$4,0)
=VLOOKUP(C34,Program,2)	=VLOOKUP(C34,Program,3)	=IF(C34="Accelerated",D34-\$L\$4,0)
=VLOOKUP(C35,Program,2)	=VLOOKUP(C35,Program,3)	=IF(C35="Accelerated",D35-\$L\$4,0)
=VLOOKUP(C36,Program,2)	=VLOOKUP(C36,Program,3)	=IF(C36="Accelerated",D36-\$L\$4,0)
=VLOOKUP(C37,Program,2)	=VLOOKUP(C37,Program,3)	=IF(C37="Accelerated",D37-\$L\$4,0)
=VLOOKUP(C38,Program,2)	=VLOOKUP(C38,Program,3)	=IF(C38="Accelerated",D38-\$L\$4,0)
=VLOOKUP(C39,Program,2)	=VLOOKUP(C39,Program,3)	=IF(C39="Accelerated",D39-\$L\$4,0)
=VLOOKUP(C40,Program,2)	=VLOOKUP(C40,Program,3)	=IF(C40="Accelerated",D40-\$L\$4,0)
=VLOOKUP(C41,Program,2)	=VLOOKUP(C41,Program,3)	=IF(C41="Accelerated",D41-\$L\$4,0)
=VLOOKUP(C42,Program,2)	=VLOOKUP(C42,Program,3)	=IF(C42="Accelerated",D42-\$L\$4,0)
=VLOOKUP(C43,Program,2)	=VLOOKUP(C43,Program,3)	=IF(C43="Accelerated",D43-\$L\$4,0)
=VLOOKUP(C44,Program,2)	=VLOOKUP(C44,Program,3)	=IF(C44="Accelerated",D44-\$L\$4,0)
=VLOOKUP(C45,Program,2)	=VLOOKUP(C45,Program,3)	=IF(C45="Accelerated",D45-\$L\$4,0)
=VLOOKUP(C46,Program,2)	=VLOOKUP(C46,Program,3)	=IF(C46="Accelerated",D46-\$L\$4,0)

Job 3 – Charts (65 points)

