

We've recently made an accessibility improvement to the community and therefore posts without any content are no longer allowed. Please use the spoiler feature or add a short message in the message body in order to submit your weekly challenge.

×

2022-05-26 Updates: Email: If you're not seeing emails be delivered from the Community, please check your spam and mark the Community emails as not junk. Thank you for your patience.

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## Weekly Challenge

Solve the challenge, share your solution and summit the ranks of our Community!

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### IDEAS WANTED

We're actively looking for ideas on how to improve Weekly Challenges and would love to hear what you think!

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[Weekly Challenge](#)

## Challenge #117: Credit/Debit Midpoints



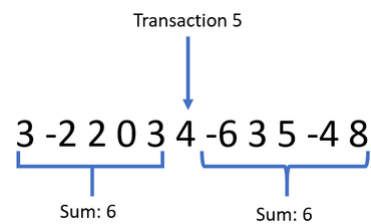
JoeM  
Alteryx Alumni (Retired)

Last week's solution is now up - find it here!

This week, we are looking at a few accounts. In this set of data, there are 4 accounts. The first row of every account represents the number of credits/debits against the account, and the second row represents the actual credits and debits paid against the account in the order they were paid. Your task is to find the credits and debits where the sum of debits and credits BEFORE any transaction is equal to the sum of debits and credits AFTER it. Please count the transactions from 0 to match the answer. Below is a picture that illustrates the logic of which transactions should be captured. The picture represents the second account.

	Field_1
1	8
2	0 -3 5 -4 -2 3 1 0
3	11
4	3 -2 2 0 3 4 -6 3 5 -4 8
5	11
6	9 0 -5 -4 1 4 -4 -9 0 -7 -1
7	11
8	9 -7 6 -8 3 -9 -5 3 -6 -8 5

Sample logic:



[challenge\\_117\\_start\\_file.yxmd](#)

[challenge\\_117\\_solution.yxmd](#)

Data Analysis Intermediate Join Parse Preparation Transform

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terry10  
11 - Bolide

Joe, Typo - The challenge start file name says #116, not #117; also the header in the file needs to be correct too.

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David-Carnes  
11 - Bolide

@JoeM was counting the challenges with a zero based index, just like THIS challenge.

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Updated!  
[@terry10](#) - Good catch!  
[@David-Carnes](#) - Thanks for having my back ;)

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**terry10**  
11 - Bolide

Because there are < 10 accounts, I just used the multi-row tool, but I plan to re-do this with an iterative macro that would work no matter how many accounts there are.

▷ Spoiler



challenge\_117\_terry10.yxmd



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**ACE NicoleJohnson**  
15 - Aurora

My solution! Practicing my speed-solving for the Grand Prix :)

▷ Spoiler

Cheers!  
NJ



challenge\_117\_NicoleJohnson.yxmd



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**ACE MarqueeCrew**  
19 - Altair

[@NicoleJohnson](#),

I like the way that you eliminated the noise that [@JoeM](#) inserted into the problem. I also learned from your use of the parse that instead of \s you could literally use a space character. I don't like it, but it is possible.

Good luck in the Grand Prix!

Cheers,  
Mark

Alteryx ACE & Top Community Contributor

Chaos reigns within. Repent, reflect and restart. Order shall return.  
Please [Subscribe](#) to my YouTube channel.

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**ACE NicoleJohnson**  
15 - Aurora

Thanks, [@MarqueeCrew](#)!

I periodically go rogue on the shortcuts with syntax, though probably not as intentionally as you might think haha... In this case, I didn't even think to use \s. It's been that kind of Monday. You get a gold star for catching onto that though! :)

NJ

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**ACE MarqueeCrew**  
19 - Altair

[@NicoleJohnson](#)

Do you know why I would object to the use of the SPACE instead of \s?

It surely caught my eye.

BTW, when I was solving this I was using a JOIN with the two sorted streams coming back together. I find your solution more straight-forward.

Alteryx ACE & Top Community Contributor

Chaos reigns within. Repent, reflect and restart. Order shall return.  
Please [Subscribe](#) to my youtube channel.

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ACE NicoleJohnson

15 - Aurora

The space is not as obvious as the \s, for sure - it appears to be nothing, but is in fact something! Can't get anything (or nothing!) past you, [@MarqueeCrew!](#)

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All forum topics < >

La

