

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 #66: My Wine Problem



JoeM  
Alteryx Alumni (Retired)

Last week's challenge is posted [HERE!](#)

OK, I have a problem... for you to solve!

We are selling bottles of wine - each of which has a unique ID since it's a limited vintage.  
Customers can request their wine bottles be delivered in various different sizes of delivery box.  
Customers order wine in ranges - from ID 1 to 25 for example.

Challenge: Build a macro that takes in order ranges, allows the user to input the box size, and outputs the order broken into the requested box sizes.

There are 3 sample outputs displayed to test the different box sizes:

- Box size of 6
- Box size of 12
- Box size of 96

The macro must check for, or prevent 3 specific error conditions:

- a null value for either the from or to value on an order range
- non-numeric values in the from & to values
- situations where the from ID is greater than the to ID

BONUS - Instead of using an interface tool to allow the user to set 6/12/96 box sizes, build a batch macro that will package all three scenarios at once!

DOUBLE BONUS - Complete this challenge whilst listening to some UB40

[challenge\\_66\\_start\\_file.yxmd](#)



[challenge\\_66\\_solution\\_1.yxzp](#)



[challenge\\_66\\_solution\\_2.yxzp](#)



Interface Intermediate Macros Preparation Transform

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alex  
11 - Bolide

The solution output for #3 has box size of 96 not 120? triple bonus to do both :->

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Thanks for pointing that out @alex! I updated the exercise and the post to reflect 96. However, the beauty of this macro could be that you could test all packaging conditions :) Triple bonus?! I'm feeling generous - why not?

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**Philip**  
12 - Quasar

My solution. I use the same macro to output all three scenarios.

» Spoiler

WineBottleGroupings.yxmc

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**Natasha**  
9 - Comet

Definitely no bonuses for me as it took me ages and I appended all 4 box sizes instead of using a batch macro.

» Spoiler

challenge\_66\_macro\_NK.yxwz

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**MarqueeCrew**  
19 - Altair  
[@JoeM](#)

I created a standard macro that calculates all 3 options at once. No batch required.

Cheers,  
Mark

Alteryx ACE & Top Community Contributor

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

challenge\_66\_MarqueeCrew.yxzp

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**BenMoss**  
ACE Emeritus

I'm not shooting for bonus points this time round :)

» Spoiler

I believe I have catered for 2 of the three error conditions but I am a bit confused as to what is expected in the case of 'non-numeric values in the from & to values', but you can take a look at my macro too see how I have dealt with this.

challenge\_66\_BM.yxzp

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**NicoleJohnson**  
15 - Aurora


My solution! And my kind of problem!! :) (Admission: I finished this one with a glass of red, red wine right next to me. Cheers!)

▷ Spoiler

 challenge\_66\_NicoleJohnson.yxmc




 MacroTest.yxwz



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 MinaGO

7 - Meteor


Nice challenge! Wasnt as bad as I originally thought it would be but I definitely use too many tools. Personally I liked the idea of three separate outputs so I added a standard macro outside my batch to give S, M, L outputs. Cant upload packaged workflows for whatever reason so only screen shots this time ;).

▷ Spoiler

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 JoeM

Alteryx Alumni (Retired)

Wow @NicoleJohnson! Now there has to be some sort of bonus for that! ;)

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All forum topics < >

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