

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

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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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Challenge #313: Base Converter



gawa

11 - Bolide

A solution to last week's challenge can be found [here](#).

When humans deal with numbers, decimal number (Base10) is common. But we can also represent values in other bases. For example, a hexadecimal number is in Base 16; one use of this system is to represent HTML color codes. Computers also use the binary (Base2) and hexadecimal number systems extensively!

Your task is to create a Base Converter by making an analytic application. Your app will convert the given decimal numbers into the specified base 'n' numbers. You have to configure the application interface so that user can specify the base 'n' ('n' must be set to integer between 2 and 16).

Note that number exceeding 10 is usually expressed in alphabet (10->a, 11->b,...). Please use the provided Integer to letter table to convert your answer to the correct format.

An example output is provided for Base 16.



[Weekly Challenge 313_Start File.yxzp](#)

[Weekly Challenge 313_Solution File.yxzp](#)

Apps | Difficult | Macros

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RolandSchubert

16 - Nebula

▷ Spoiler

▷ Spoiler

Great challenge!

[Weekly Challenge 313_Solution_RSC.yxzp](#)

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ACE

AkimasaKajitani

15 - Aurora

My solution.

▷ Spoiler

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8 - Asteroid

App attached which includes iterative macro


[▷ Spoiler](#)**Weekly Challenge 313_Solution.yxzp**[Share](#) 2 LIKES[Reply](#)**patrick_digan**
17 - Castor[▷ Spoiler](#)**Weekly Challenge 313_Start File.yxwz**[Share](#) 5 LIKES[Reply](#)**PhilipManning**
15 - AuroraDid the macro instead of an app [▷ Spoiler](#)

And the macro part,

[▷ Spoiler](#)**Challenge 313 - Base Converter.yxzp**[Share](#) 3 LIKES[Reply](#)**binuacs**
15 - Aurora[▷ Spoiler](#)**Weekly Challenge 313_BV File.yxzp**[Share](#) 2 LIKES[Reply](#)**Michael_Draper**
7 - Meteor

Fun one!



[▷ Spoiler](#)**Weekly Challenge 313_MDD.yxzp**[Share](#) 2 LIKES[Reply](#)





dYoast
8 - Asteroid

My macro could be better.

» Spoiler


 **MyResultsChallenge313.yxwz** 

 **Challenge313Macro.yxmc** 

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SPetrie
10 - Fireball

This was a fun one.
Went with an iterative macro.

» Spoiler

» Spoiler

Edited to have the correct workflow version attached.

 **Weekly Challenge 313_Solution.yxzp** 

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