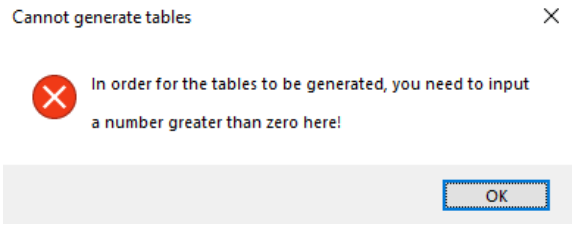
Random Generator of Addition, Subtraction, Multiplication and Division Tables

When the file is opened and macros enabled, four spreadsheets will be available.

Each spreadsheet has a command button. When the button is clicked, the user is prompted for information. The tables generated will be dependent on the answers. When the tables are generated, the user is expected to input the answer in the appropriate cell in the *E* column. For example:

	A	B	C	D	E	F
1	10	+	4	=	14	Well done
2	7	+	5	=	12	Well done
3	6	+	5	=	10	Please try again
4	10	+	7	=	12	Please try again
5	11	+	6	=	17	Well done
6	1	+	4	=	4	Please try again
7	8	+	5	=	13	Well done
8	1	+	3	=	3	Please try again
9	3	+	7	=	11	Please try again
10	12	+	6	=	18	Well done

If a user inputs a negative integer, a warning will appear - e.g.,



If a user inputs a positive non-integer value – e.g., 4.5 – then the integer value will only be used – i.e., 4 in this case. There are various other warnings included, if a user inputs an incorrect number. Hopefully I have picked up on them all!

E-mail: sean.lacey@cit.ie

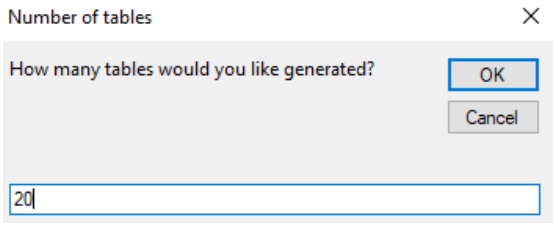
Web: http://mathematics.cit.ie/staff/sean-lacey

Twitter: @seanwithafada

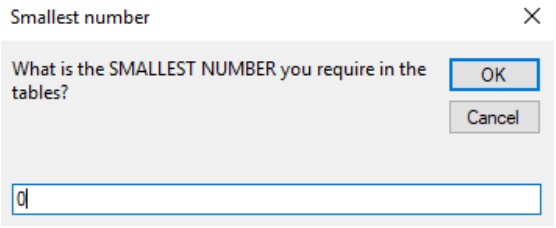
1. Addition tables

As an example, say you would like 20 tables where the integers 3 and 4 are randomly added to any integer between 0 and 12 – i.e., the 3 and 4 addition tables.

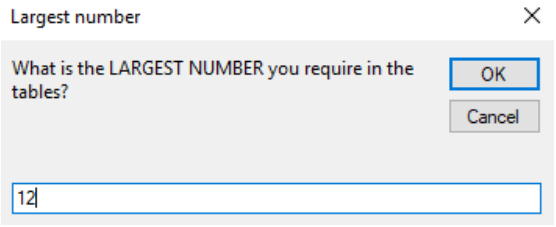
Once the command button is clicked, the user will be asked:



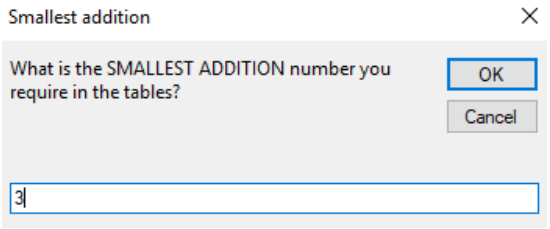
20 is inputted. Next the user is asked:



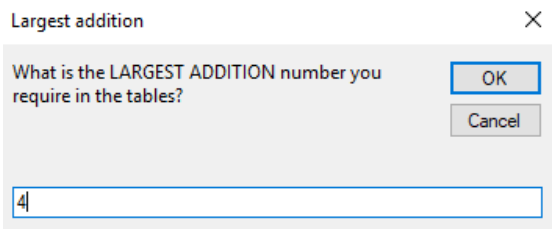
We would like to have numbers ranging from 0 to 12, then input 12 in the next window prompt:



Since we wish to generate the 3 and 4 addition tables, then input 3 as the smallest addition:



Followed by 4 as the largest addition:



Hope you enjoy your random generated 3 and 4 addition tables!

E-mail: sean.lacey@cit.ie

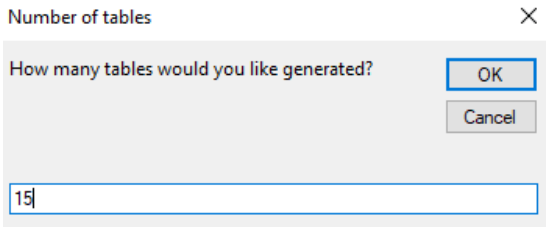
Web: http://mathematics.cit.ie/staff/sean-lacey

Twitter: @seanwithafada

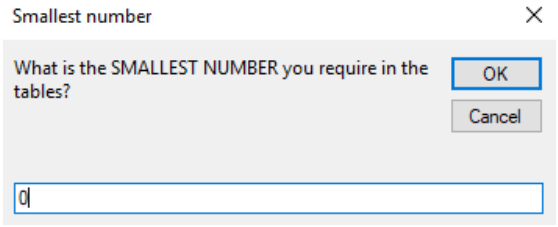
2. Subtraction tables

As an example, say you would like 15 tables where the integer 5 is randomly subtracted from an integer that will yield an integer answer between 0 and 12 – i.e., the 5 subtraction tables.

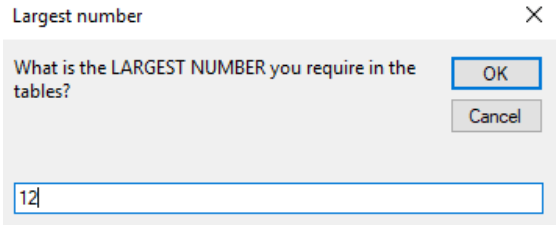
Once the command button is clicked, the user will be asked:



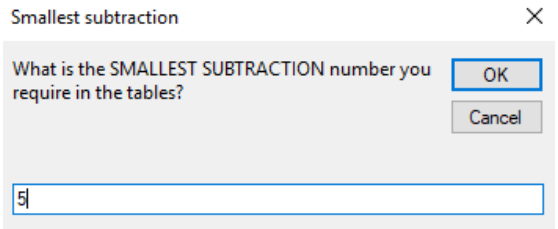
15 is inputted, as an example. Next the user is asked:



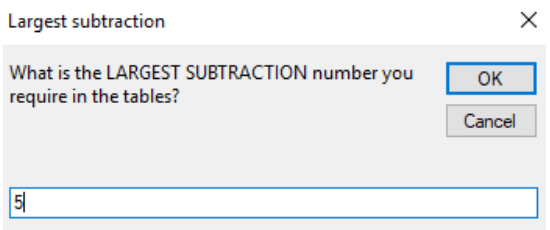
We would like to have numbers ranging from 0 to 12, then input 12 in the next window prompt:



Since we wish to generate the 5 subtraction tables, then input 5 as the smallest subtraction:



Followed by 5 as the largest subtraction:



Hope you enjoy your random generated 5 subtraction tables!

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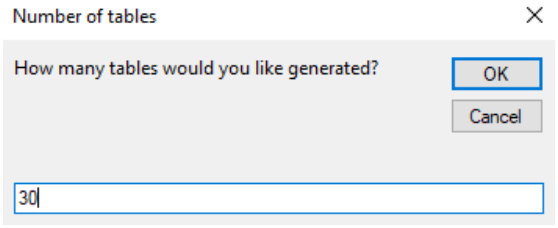
Twitter: @seanwithafada

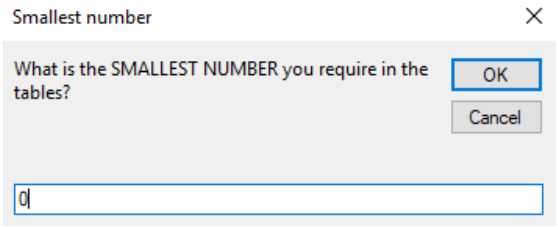
3. Multiplication tables

As an example, say you would like 30 tables where the integers from 2 to 5 are randomly multiplied to an integer between 0 and 12 – i.e., the 2 to 5 multiplication tables.

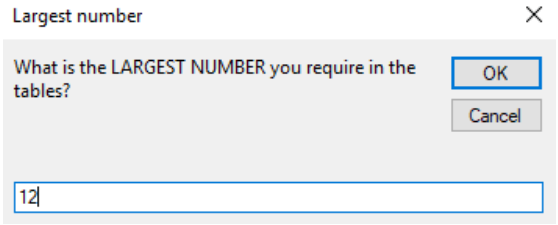
Once the command button is clicked, the user will be asked:



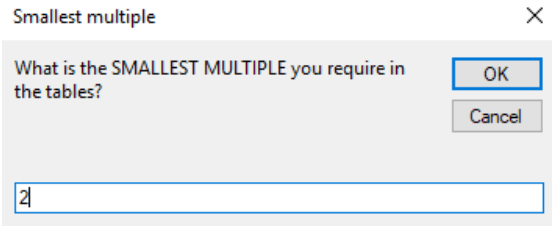
30 is inputted, as an example. Next the user is asked:



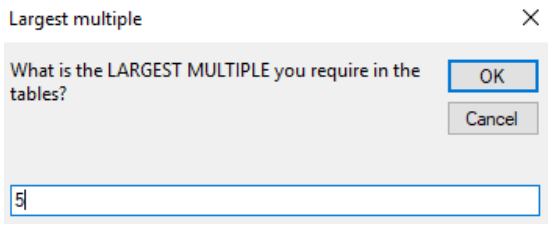
We would like to have numbers ranging from 0 to 12, then input 12 in the next window prompt:



Since we wish to generate the 2 to 5 multiplication tables, then input 2 as the smallest multiple:



Followed by 5 as the largest multiple:



Hope you enjoy your random generated 2 to 5 multiplication tables!

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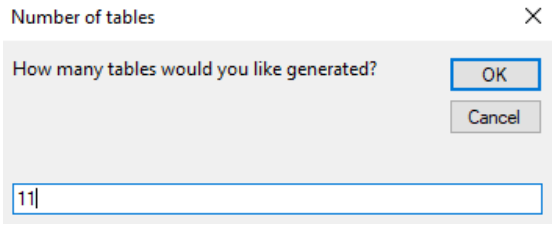
Twitter: @seanwithafada

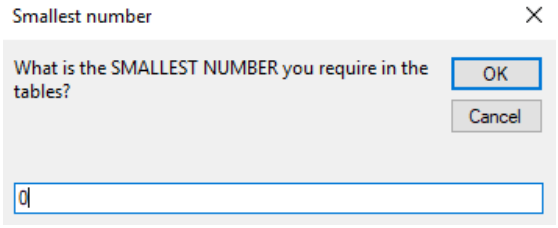
4. Division tables

As an example, say you would like 11 tables where the integer 7 is randomly divided in to an integer that will yield an integer answer between 0 and 12 – i.e., the 7 division tables.

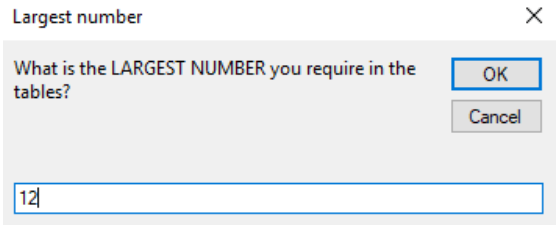
Once the command button is clicked, the user will be asked:



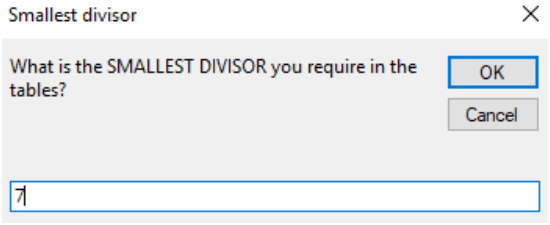
30 is inputted, as an example. Next the user is asked:



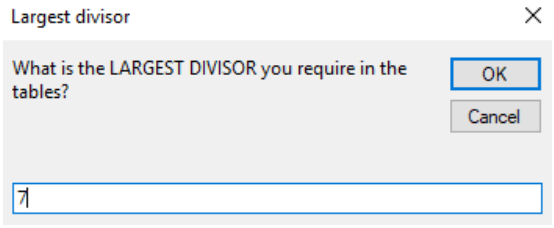
We would like to have numbers ranging from 0 to 12, then input 12 in the next window prompt:



Since we wish to generate the 7 division tables, then input 7 as the smallest divisor:



Followed by 7 as the largest divisor:



Hope you enjoy your random generated 7 division tables!

E-mail: sean.lacey@cit.ie

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