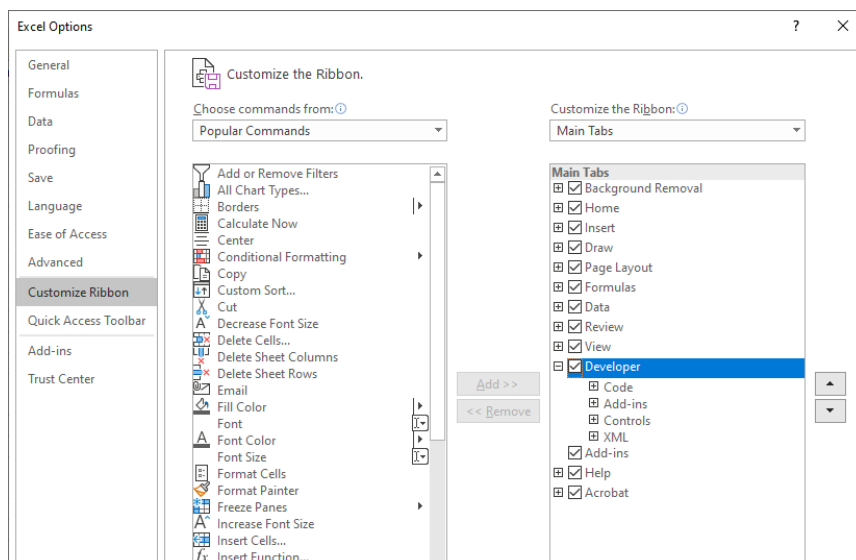


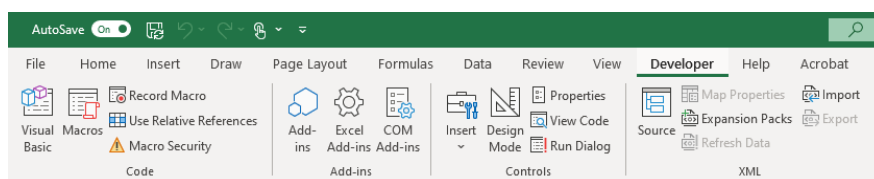
Making a Macro

Name: _____

To create a macro, first we need to make the developer menu visible. For Excel 2013 and 2010, select **File**, then **Options**. Choose **Customize Ribbon** on the left and then select the **Developer** checkbox on the right.



Now click OK. You should now be able to see the Developer tab.



Everything you do between clicking the 'Record Macro' and 'Stop Recording' button can be automatically repeated via a keyboard shortcut. For example, if you were using this spreadsheet:

	A	B	C	D	E	F	G	H
1	Coinflip sequence	The same as the previous flip?	How long is the current streak?			Mean streak length	Maximum streak length	Total number of streaks
2	H	Different	1					
3	H	Same	2			2.50	6	20
4	T	Different	1					
5	H	Different	1					
6	H	Same	2					
7	H	Same	3					
8	T	Different	1					

then a useful macro might be:

- Step 1. Click 'Record Macro'. Input a shortcut key, such as Ctrl-m.
- Step 2. Use F9/'Recalculate sheet' to generate a new set of coin flips.
- Step 3. Copy the values in F2:H2 and paste them into F3:H3. Be sure to open the paste menu and select **paste as values** instead of pasting as a formula.
- Step 4. Right-click **F3:H3** and select **Insert...** and **Shift cells down**.
- Step 5. Click 'Stop Recording'.

Step 4 is important because the macro repeats your actions exactly. If you don't insert new cells, it will paste each new set of values on top of the old values.

If the macro is working, you should be able to hold down Ctrl-m to start automatically generating a string of results.