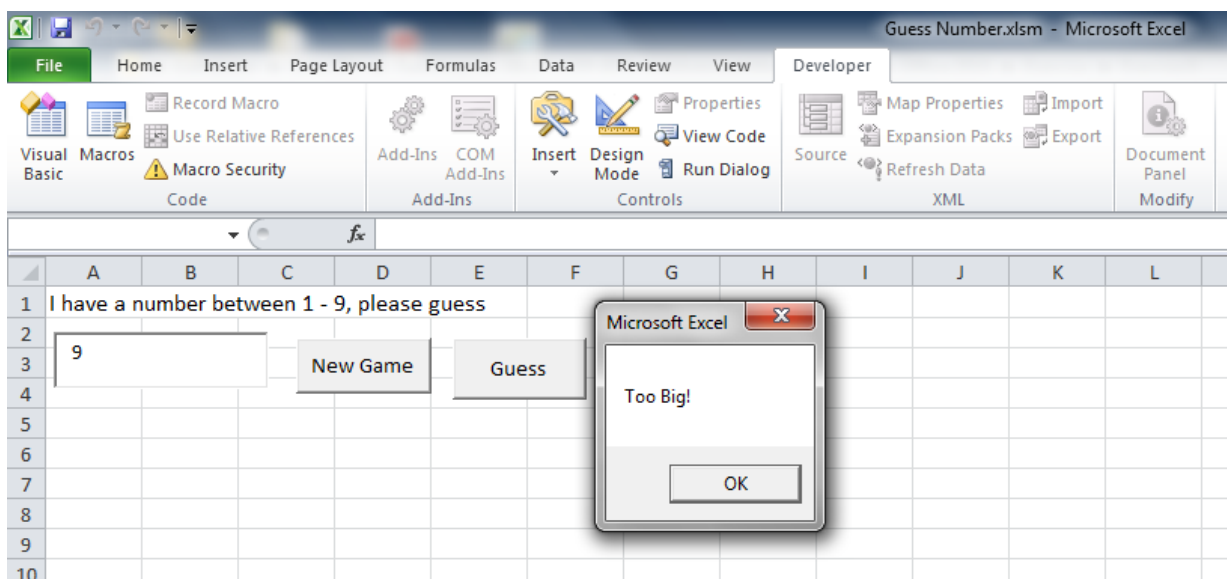
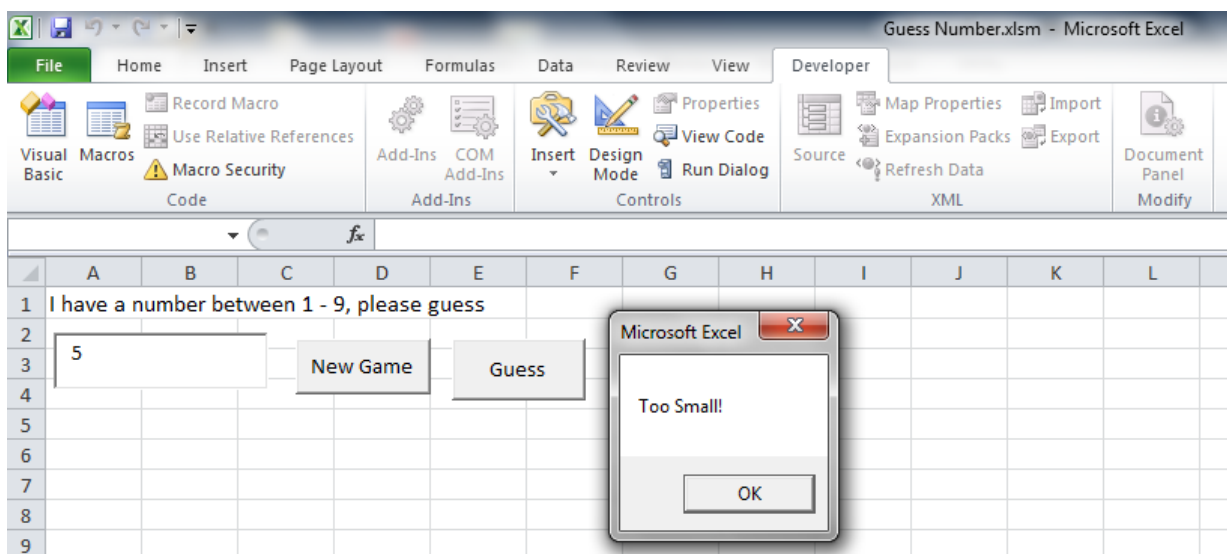
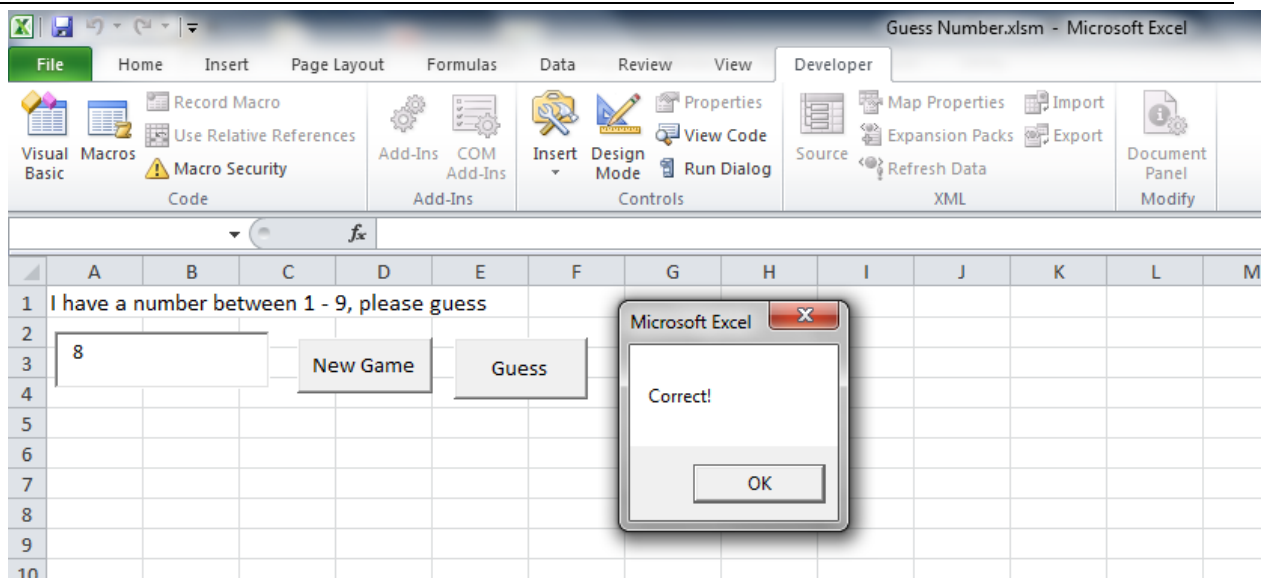


Exercise 7

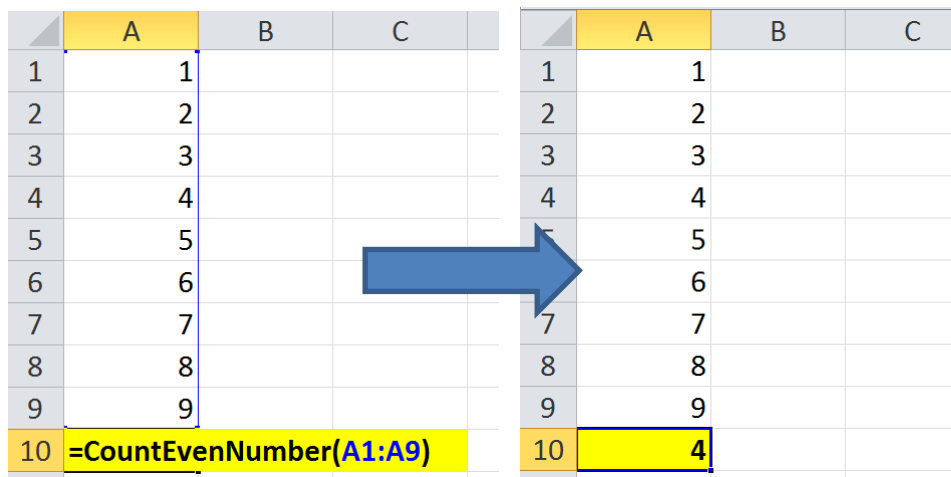
Download the files from <http://www.peter-lo.com/Teaching/AMA-Excel/Source7.zip>, you will use these files to finish the following exercises.

1. You are required to create the simple Guess Number game. Once user press the **[New Game]** button, the program should pick a secret number (1 – 9) and let the user guess what number it is. User is only allowed to input number in the text field. If the guess number is too large or too smaller, the program should provide a hint. If the guess number is correct, the program should congratulate the user.

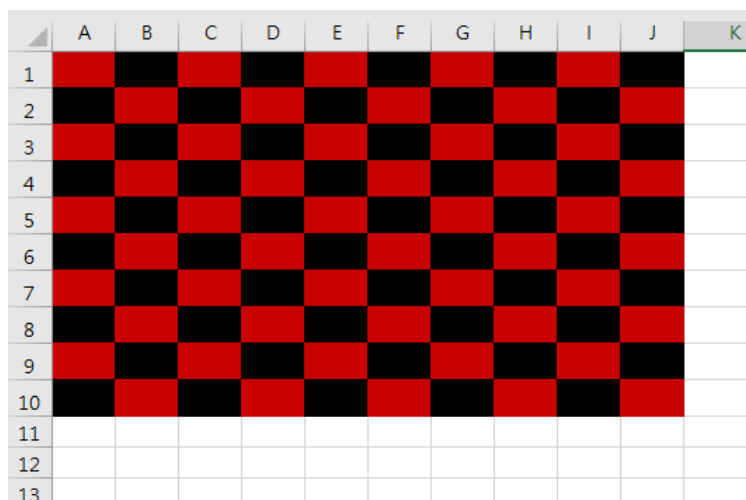




2. Create a custom function “CountEvenNumber” to count the number of even number within the selected range.



3. By using looping technique, create a 10x10 checkerboard of cells (in red and black) starting from the currently selected cell



4. Open the Excel file “Question 7-4.xlsx”. Create a macro which lists out the last capital city in new worksheet “Result” from each continent worksheet in the separate Last Cities worksheet. This is the result what you should see when you run your macro.

	A	
1	Cardiff	
2	Harare	
3	Sana	
4	Washington D.C.	
5	Port Vila	
6	Caracas	
7		

Corresponding to Wales, Zimbabwe, Yemen, United States, Vanuatu and Venezuela

Some hints for your Macro

- Go to each worksheet in turn (as long as its name is not Last Cities)
- Go to the bottom country in this worksheet;
- Store the name of the capital city in the cell to the right of this country in a string variable;
- Go to the Last Cities worksheet;
- Transfer the variable's value into the current cell; then
- Go down one cell