**INSTRUCTIONS**

* Please set aside 45 minutes to answer this question. No need to feel rushed, but we do want to make sure you can answer the question in a reasonably short amount of time.
* Please do not compile/run your code. The problem is designed to test your ability to track details, catch off-by-ones, and address corner cases. A run-test-run-test cycle would defeat a lot of the question's value. Of course, in real life you would be able to test, but in real life you'd be dealing with much more complicated problems, and we can't simulate those situations in a half hour, so removing the ability to test your code provides a simulation.
* You are welcome to use your text editor of choice, and then paste the results into the text box on the next page.
* Please use C, C++, Java, JavaScript, Python or Ruby for your solution.
* We recommend against trying overly clever solutions or aiming to finish early, feel free to take the full time to confirm correctness and and write something that works.
* In the event that you are not finished at the 45 minute mark, please send us what you have completed regardless. If you feel inclined, you are then welcome to send a final solution via email as soon as possible, indicating how much extra time you have taken to come to the final solution.

Honor code: By answering this coding question you agree not to run/test your code, but simply to write and submit your best effort.  
  
  
  
**QUESTION**  
  
Write a function that takes a matrix and examines each item in a spiral order, printing each item as it comes to it.  
  
For example, given a matrix like this as input:  
[[11, 12, 13, 14, 15],  
[21, 22, 23, 24, 25],  
[31, 32, 33, 34, 35],  
[41, 42, 43, 44, 45]]  
  
Your program must print:  
11 12 13 14 15 25 35 45 44 43 42 41 31 21 22 23 24 34 33 32