NATIONAL UNIVERSITY
OF COMPUTER & EMERGING SCIENCES
PESHAWAR CAMPUS

Problem Set:	Assignment: EX01	**Semester**:	Fall 2017
Points:	*See autograder*		
Date Set:	*See autograder*	**Due Date**:	*See autograder*
Course:	CS101 Introduction to Computing	**Instructor**:	Dr. Nauman

1 Hint for Assignment – Sum of Diagonals on a Spiral

It is strongly recommended that you try to solve the assignment yourself. Only if you are stuck and absolutely cannot get an idea should you see the next page.

Of course, we will only give a hint and not the whole solution.

First hint: It doesn't matter how the spiral is constructed. You are not asked to construct the whole spiral. After it is constructed, it has a specific shape – one that can be used to solve this problem.

If you are still stuck, you might want to look at the next page but again, please spend time without looking at the hint.

Second hint: If a spiral is of size $n \times n$ and all places are filled, the maximum number in the spiral has to be $n \times n$.

If you are still stuck, you might want to look at the next page but again, please spend time without looking at the next page.

Come on! We can't have any more hints or you'll have the whole solution here.