# Nested Loop: Square Of Numbers

**The goal for this exercise** is to give you more opportunities to practice writing nested loops.

**What you need to do for this exercise:**  In the starter project, add code to the the Square\_Of\_Numbers class, so that the RunExercise method produces the output described here.

Write your code so that RunExercise asks the user for how many columns they want printed (which we’ll call **N** here). RunExercise should then display the following pattern:

1 2 3 4 … N

1 2 3 4 … N

1 2 3 4 … N

….

(There are a total of N rows of output)

As one specific example, if the user chose '5' for the number of columns, then you should produce

1 2 3 4 5

1 2 3 4 5

1 2 3 4 5

1 2 3 4 5

1 2 3 4 5

(i.e,. a 5x5 grid of numbers, where each line counts from 1 to 5)

Hint: You will need to use nested loops for this.

Hint: While you are **not** required to produce nicely formatted output, you might try using the tab character ( \t ) in the string you hand to Console.WriteLine to produce some rough columns.