**16.04.2020**

**ACM 114 – Introduction to Computer Science and Programming**

**Quiz (Week 11)**

**Question:**

Write a program (if you solve with function definition, you will get extra credits) which takes 2 digits (x (rows), y (columns)) as input and generates a 2-dimensional array (consider as a 2-D list). The element value in the i-th row and j-th column of the array should be:

Note: and . Suppose the following inputs are given to the program: 4,7

Then, the output of the program should be:

[[1, 3, 5, 7, 9, 11, 13], [3, 7, 12, 19, 30, 49, 84], [5, 12, 28, 80, 276, 1048, 4124], [7, 19, 80, 533, 4122, 32799, 262180]]

Hint: In case of input data being supplied to the question, it should be assumed to be a console input in a comma-separated form (may be optional, but that's what I expect you to do).