Programs on printing patterns

Please write generic programs by reading $\bf n$ value from the user. The output of the program should change with the change in $\bf n$ value

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2 2
                              1 2 3
3 3 3
                              1 2 3 4
4 4 4 4
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5 5 5 5 5
1
                                 1
2 3
                                2 2
4 5 6
                               3 3 3
7 8 9 10
                              4444
11 12 13 14 15
                              5 5 5 5 5
1 2 3 4 5
                             1
                                 2
                                     3
                                         4
1 2 3 4
                             5 6
                                    7
 1 2 3
                             8
                                 9
 1 2
                             10
 1
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3 4 4 5 5 5 6 6 6 6 6 6 6 6 5 5 5 4 4 3 Input: 3 4, where 3 is the starting integer and 4 is the No of rows	1 2*2 3*3*3 4*4*4*4 4*4*4*4 3*3*3 2*2			
1111112 3222222 3333334 5444444 5555556	1 2 3 4 5 16 17 18 19 6 15 24 25 20 7 14 23 22 21 8 13 12 11 10 9			
A AB ABC ABCD ABCDE	E D E C D E B C D E A B C D E			
A BB CCC DDDD EEEEE	AAAAA BBBB CCC DD E			
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