VITE&TC PDTY23 ITPRODUCT

Problem Statement #25	Given two integers N and M as inputs, print a rectangle of N * M Stars
Problem Constraint	2 <= N, M <= 100
Example Input	3 4
Example Output	★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★

Problem Statement #26	Take an integer N as input, print the corresponding pattern for N
Problem Constraint	1 <= N <= 100
Example Input	4
Example Output	1 1 2 1 2 3 1 2 3 4

Problem Statement #27	Take an integer N as input, print the corresponding stair pattern for N
Problem Constraint	1 <= N <= 100
Example Input	4
Example Output	* * * * * * * * * *

Problem Statement #28	Given an integer N, print the corresponding Inverted Half Pyramid pattern for N
Problem Constraint	1 <= **N** <= 100
Example Input	4
Example Output	* * * * * * * * * *

Problem Statement #29	Take an integer N as input, print the corresponding pattern for N
Problem Constraint	1 <= N <= 100
Example Input	5
| Example Output | ```
      *
_____
     * *
____
    * * *
___
   * * * *
__
* * * * *
``` |

Problem Statement #30	Take an integer N, print the corresponding Full Pyramid pattern for N
Problem Constraint	2 <= N <= 100
Example Input	5
| Example Output | ```
        *
      *   *
    *   *   *
  *   *   *   *
*   *   *   *   *
``` |

Problem Statement #31	Take an integer N as input, print the corresponding pattern for N
Problem Constraint	3 <= N <= 100
Example Input	5
| **Example Output** | ```
* * * * *
*       *
*       *
*       *
* * * * *
``` |

Problem Statement #32	Take an integer N as input, print the corresponding Half Diamond pattern with 2*N - 1 rows
Problem Constraint	2 <= N <= 100
Example Input	5
| **Example Output** | ```
*
* *
* * *
* * * *
* * * * *
* * * *
* * *
* *
*
``` |

Problem Statement #33	Given an integer N as input, print the corresponding Full Numeric Pyramid pattern for N
Problem Constraint	2 <= N <= 100
Example Input	5
Example Output	0 0 0 0 1 0 0 0 0 0 0 0 2 3 2 0 0 0 0 0 3 4 5 4 3 0 0 0 4 5 6 7 6 5 4 0 5 6 7 8 9 8 7 6 5

Problem Statement #34	Take an integer N as input, print the corresponding Full Numeric Pyramid pattern for N
Problem Constraint	2 <= N <= 100
Example Input	5
Example Output	0 0 0 0 5 0 0 0 0 0 0 0 4 8 12 0 0 0 0 0 3 6 9 12 15 0 0 0 2 4 6 8 10 12 14 0 1 2 3 4 5 6 7 8 9

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