**Problem 20.\*\* – Arrow**

SoftUni has opened a new training center in Kaspichan, but the people there did not know how to find it. Your task is to **print a vertical arrow**, which will be used to indicate the path to the new building in the city. This will help thousands of people to become software engineers. Please help them!

Input

The input data should be read from the console.

* On the only line will hold and integer number **N** (always **odd** number), indicating the **width** of the arrow.

The input data will always be valid and in the format described. There is no need to check it explicitly.

Output

The output should be printed on the console. Use the “**#**” (number sign) to mark the arrow and “**.**” (dot) for the rest. Follow the examples below.

Constraints

* **N** will always be a positive **odd** number between **3** and **79** inclusive.
  + Allowed working time for your program: 0.1 seconds.
  + Allowed memory: 16 MB.

Examples

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Input** | **Output** |  | **Input** | **Output** |  | **Input** | **Output** |
| 5 | ..#####..  ..#...#..  ..#...#..  ..#...#..  ###...###  .#.....#.  ..#...#..  ...#.#...  ....#.... |  | 9 | ....#########....  ....#.......#....  ....#.......#....  ....#.......#....  ....#.......#....  ....#.......#....  ....#.......#....  ....#.......#....  #####.......#####  .#.............#.  ..#...........#..  ...#.........#...  ....#.......#....  .....#.....#.....  ......#...#......  .......#.#.......  ........#........ |  | 3 | .###.  .#.#.  ##.##  .#.#.  ..#.. |