Important instruction:

Problem :   ***points: 10***

Write a program that takes an integer number **n** as input and prints the following pattern:

For n=5 -->

```
        $ #
      $ $ # #
    $ $ $ # # #
  $ $ $ $ # # # #
$ $ $ $ $ # # # # #
  $ $ $ $ # # # #
    $ $ $ # # #
      $ $ # #
        $ #
```