Codewriting 300

Construct a square matrix with a size $N \times N$ containing integers from 1 to $N \times N$ in a spiral order, starting from top-left and in clockwise direction.

Example

For n = 3, the output should be

Input/Output

- [execution time limit] 4 seconds (py3)
- [input] integer n

Matrix size, a positive integer.

Guaranteed constraints:

```
3 \leq n \leq 100.
```

• [output] array.array.integer

[Python 3] Syntax Tips

```
# Prints help message to the console
# Returns a string
def helloworld(name):
    print("This prints to the console when you Run Tests")
    return "Hello, " + name
```