The purpose of the task is to implement a function that will accept a single input parameter N and output a string with an ASCII art of the japanese flag.

Here is an example of flags for various values of N:

N = 2 N = 6

######## ####################

# # # #

# \*\* # # #

# \*\* # # #

# # # \*\* #

######## # \*oo\* #

# \*oooo\* #

N = 4 # \*oooo\* #

############## # \*oo\* #

# # # \*\* #

# # # #

# \*\* # # #

# \*oo\* # # #

# \*oo\* # ####################

# \*\* #

# #

# #

##############

The following is a list of requirements for the function:

* The input N shall be an integer even number
* The width of the inner area of the rectangle (excluding border) shall be 3 \* N
* The height of the inner area of the rectangle (excluding border) shall be 2 \* N
* The vertical distance between the circle and the border of the rectangle shall be N/2
* The horizontal distance between the circle and the border of the rectangle shall be N
* # symbol shall be used for rectangle border, \* symbol shall be used for the circle border, o symbol shall be used for inner circle area
* The function shall return a string and use \n as line separators
* The function shall accept a single parameter N
* If the parameter is not a valid even integer number the ArgumentError exception shall be thrown
* The result of the task shall be provided a single python file named flag.py with a function named flag defined in it