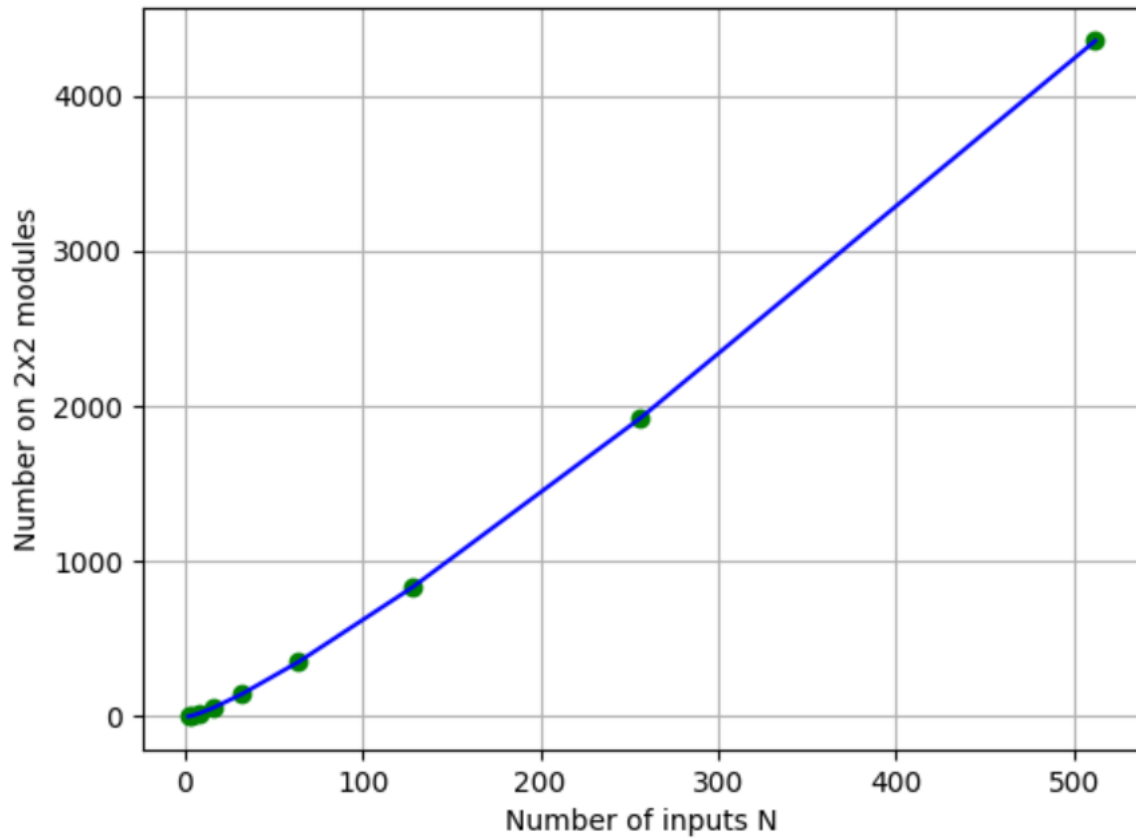
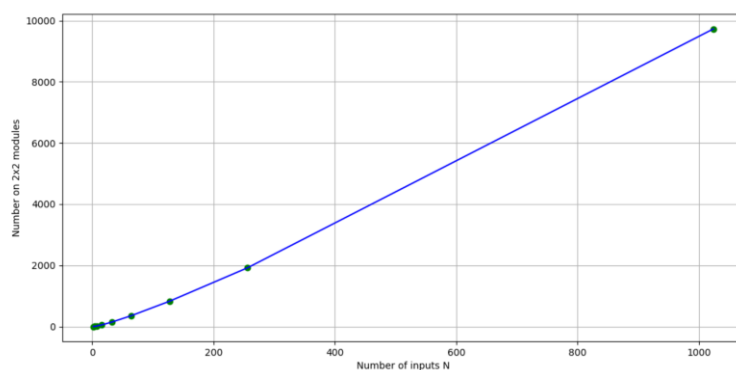


Benes network modules 2x2



In my program, I ask user about N (inputs) and program gives output – number of 2x2 modules.

Also, it draws graph for different powers of 2, we can change powers in source code to change points on the graph.



We can observe the $n \cdot \log(n)$ complexity.

To run program, find in the folder python file and click it. I used these libraries: `math`, `numpy`, `matplotlib.pyplot`.