Algorithm

Implement the hierarchical network in the model

1. Deterministic:
    a. Set a generation counter which counts current generation initialized to 1. Each turtle has a copy number, initialized to 0.
    b. Make the initial central module of 'n' nodes and connect all agents with one another.
    c. Create copies by hatching turtles 'n-1' times and replicating links of each with their respective parent.
    d. Connect the peripheral nodes of the newly hatched turtles to the central node of the central module.
    e. Repeat step c indefinitely.

2. Stochastic
    a. Connect a fraction p ^ generation-count of the newly hatched turtles to the central module using preferential attachment.
    b. Make 'n-1' copies of the newly formed module.
    c. Repeat step a indefinitely.