Lab 7.

Part 1 (20-30 minutes)
- Get Firefly model working.
- Add (if you don't have them already) sliders for:
    - number of fireflies
    - R
    - speed (how far each firefly moves in a step)
    - distance/radius a firefly sees
- With your partner, try to predict (by intuition) the impact on the time required to synchronize of the various parameters in the sliders!
- Run experiments to determine the relationships. How was your intuition?

Submit as Lab7 with both of your names a summary of data from a BehaviorSpace experiment. It is recommended that you export the data to a spreadsheet and submit a plot showing the relationship between some variable(s) and the number of ticks needed to synchronize.