Homework 1-24-23

January 24, 2023

Problem Set 1

(a) Explain why a "wave" arises that travels to the right. Sol^n :

A wave starts among the n=40 agents because of the "initialization" step. Notice for $n=40, \frac{n}{3}\approx 13.33 \implies round(13.33)=13.$

Then we do a logical operator, and in this case... $n == round(1/3) \implies 40 = 13? \implies F \text{ or } 0$. and then a double

Then for j = 1:80 steps (we add pause so we can press enter 80 times),