Assignment 1

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**Instructions**

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* This assignment must be completed individually.
* While discussing the problem with classmates is permitted, copying code is strictly prohibited and will result in sanctions.
* To successfully complete this assignment, students are encouraged to utilize the material covered during the course.
* The assignment should be submitted as NetLogo file (\*\*\*Assignment \_\*\*.nlogo) via email to eduardo.tapia@liu.se. Please include your name and LIU-ID in the file.
* The deadline for the assignment is May 9, 2025.

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Content

Our **Simple Economy Model** (file: Lab2\_2.nlogo) is specified as follows:

* A fixed number of agents is initialized, each with a starting amount of €100.
* In each iteration, one agent is randomly chosen to give one euro to another randomly chosen agent.
* Only agents with more than €0 are eligible to give money.
* This process is repeated for 10,000 iterations.

Let’s now extend this model. In the updated version, when there are vulnerable agents in the system (i.e., agents with €50 or less), any accommodated agent (i.e., an agent with more than €150) who receives money will select one vulnerable agent and transfer the received euro to them.

Please use a 'Chooser' to differentiate the original model from the new specification.