Introduction to Programming and Numerical Analysis

Exercise Class 7
Exercise 12

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Today's Program

- 15:15 – 15:20: Introduction to Model Project
- 15:20 – 16:00: Work on Model Project
- 16:00 – 16:15: Break
- 16:15 – 17:00: Work on Model Project

Introduction to Model Project

Formal requirements

- Deadline for hand-in is May 12th and deadline for peer-feedback is May 19th

- Hand-in by uploading to your GitHub repository, i.e.:
  - github.com/NumEconCopenhagen/projects-YEARYOURGROUPNAME/dataproject

- Your hand-in must include:
  - short README.md with an introduction to your project
  - A Jupyter notebook (.ipynb-file) that presents and discusses your results
  - A documented .py-file based on the provided file ExchangeEconomy.py

Introduction to Model Project

Objectives

- Apply numerical methods such as optimization routines and solvers
- Structure and document a code project
- Present results in text (markdown cells) and figures

Introduction to Model Project

Content (minimal requirements)

- Describe a recipe (algorithm) for solving the model
- Solve the model using a optimization routine or solver and simulate it
- Visualize the solution across parametrizations (simulations)
- Analyse one or more extensions of the baseline model

Questions & comments?