

# Problem Set qInvestmentITC

## Intertemporal Choice

This problem set asks you to work through some **q**-model experiments, using computational representations of the model and Jupyter notebooks. This will require some setup on your computer.

### 0.1 Download the **q**-model computational tools

Clone the [Q-Investment](#) repo, which contains the tools that you will use to solve the problem set. You will need to install some extra software. Follow the instructions in the repo for how to do that.

### 0.2 Find the template file and make sure it works

We have created a template file that loads all the required tools, provides examples of how to use them, and defines functions you might find useful. It is located in `Examples/Problem-set-template.ipynb` of the ‘Q-Investment’ repo you just downloaded.

Locate the file and run it. It is important that you run this file from its exact location, so that it can "find" the external files that define the tools that it uses. Verify that the whole file runs without errors.

### 0.3 Modify the template to add your answers

Modify the template:

- make a copy of it named `problem-set-[your GitHubID]` (so, Ashish would make a copy named `problem-set-ashishk87.ipynb`)

adding your answers after the existing content. Please read the questions carefully (**intuitively explaining why the diagrams you produce look the way they do is a very important part of the questions**).

### 0.4 Submit your solution

Submit your solution by making a PR to the repo (look up how to do that).