Requirements

# Registers

* Regular Register
  + Take 1 x to process items
* Training Register
  + Always has only one
  + Assigned to highest number register
  + Takes 2x times as long to process items

# Customers

* Both
  + Choose a line based on their time offset.
  + If more than one customer in time offset
    - Those with fewer items choose first
    - If items are equal Type A chooses before Type B
  + Always choose empty line first
* Type A
  + Always chooses register with shortest line
  + If more than one register with the shortest line, he picks the lowest numbered register
* Type B
  + Looks at the last customer in each line, and chooses the customer with the fewest items remaining

Example1.txt - 7

Example2.txt -13

Example3.txt - 6

Example4.txt - 9

Example5.txt - 11