Create a simulation to help determine the efficiency of this system:

* There are two operators who each take between 20 and 40 minutes to prepare a box of documents. Make the following assumptions:
  + There is an unlimited supply of documents; the operators may continuously produce new boxes with no restrictions.
  + The number of minutes that it takes to prepare any given box is a random integer value between 20 and 40.
* After a box of documents is prepared, it is placed in a scanning queue. There is one scanner who takes between 20 and 60 minutes to scan a box of documents. Make the following assumptions:
  + The scanner can only start processing a new box when there is at least one box in the scanning queue; in other words, the scanner may be restricted by the speed of the operators.
  + The number of minutes that it takes to scan any given box is a random integer value between 20 and 60.
* After a box of documents is scanned, it is placed on the loading dock to await shipment. A truck arrives at the loading dock every 1440 minutes (once a day). Make the following assumptions:
  + A truck can carry 45 boxes and will not leave with a partial load.
  + The time taken to load the truck can be ignored.
  + When the truck has a full load, it leaves, and the boxes can be considered to have left the system.

Report the following statistics:

* For each operator
  + Average # of boxes processed per hour
  + Min box processing time
  + Max box processing time
  + Total boxes processed
* For each scanner
  + Average # of boxes processed per hour
  + Min box processing time
  + Max box processing time
  + Total boxes processed
* For all trucks
  + Average time waiting at loading dock
  + Min time at loading dock
  + Max time at loading dock
* For all boxes
  + Average time of boxes in the system
  + Max time of any box in the system
  + Min time of any box in the system

Collect and report on these statistics over a simulated 14400-minute (10 day) period.