Team BestOS2014

Changes/edits:

/include/minix/

config.h - define queues for winners and losers

/servers/sched/

schedproc.h – add ticket number and max ticket fields for the schedproc structure.

schedule.c –

allot\_tickets: allocate tickets for all ticket computations, from do\_nice to do\_noquantum to dynamic scheduling.

do\_noquantum: subtract ticket(s) when process runs out of quantum

do\_start\_scheduling: assign number of tickets to a given process.

do\_stop\_scheduling: remove the tickets held by a process that finished from the pool of lottery tickets.

do\_nice: change number of tickets

balance\_queues: add tickets to process that’s been sitting too long.

lotto\_range: find the range of the numbers that the lottery will be able to draw from.

do\_lotto: conduct the lottery and handle the winning and losing processes.