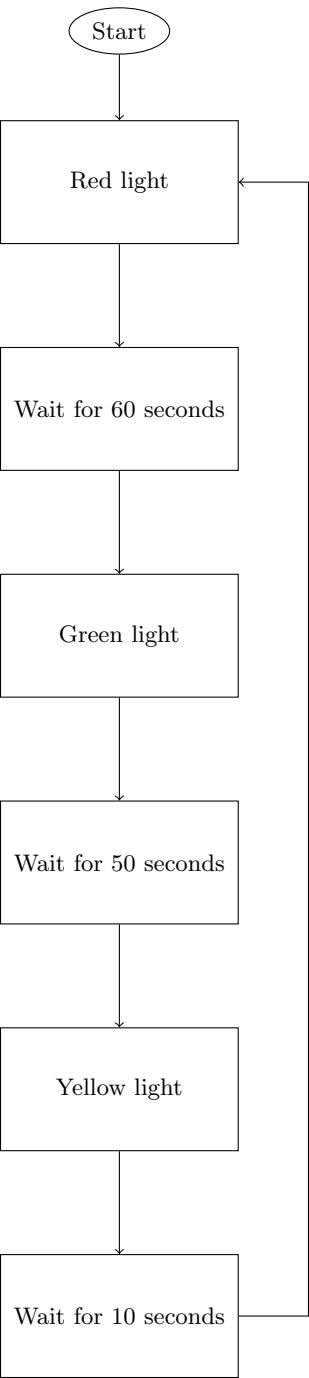
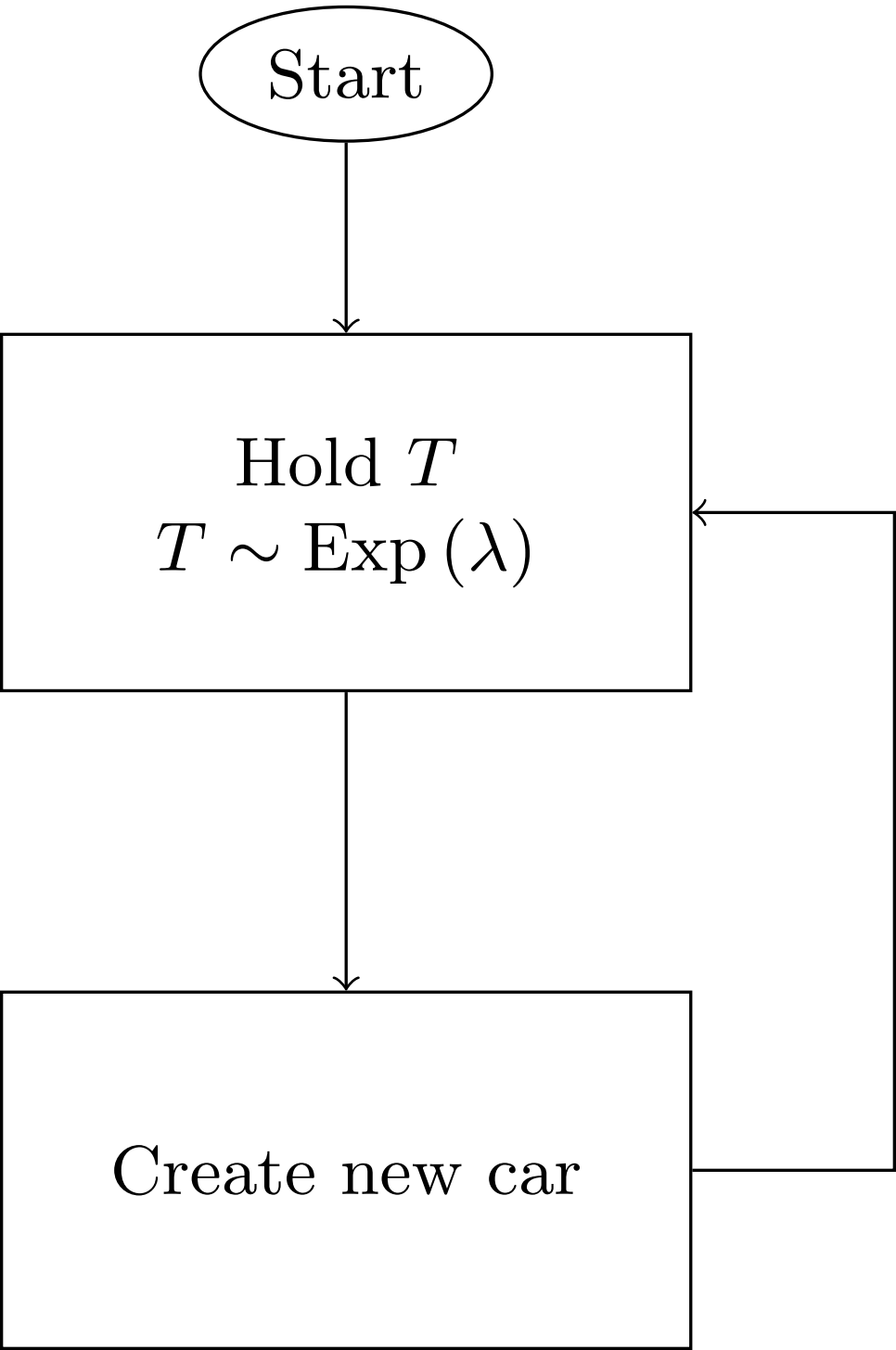
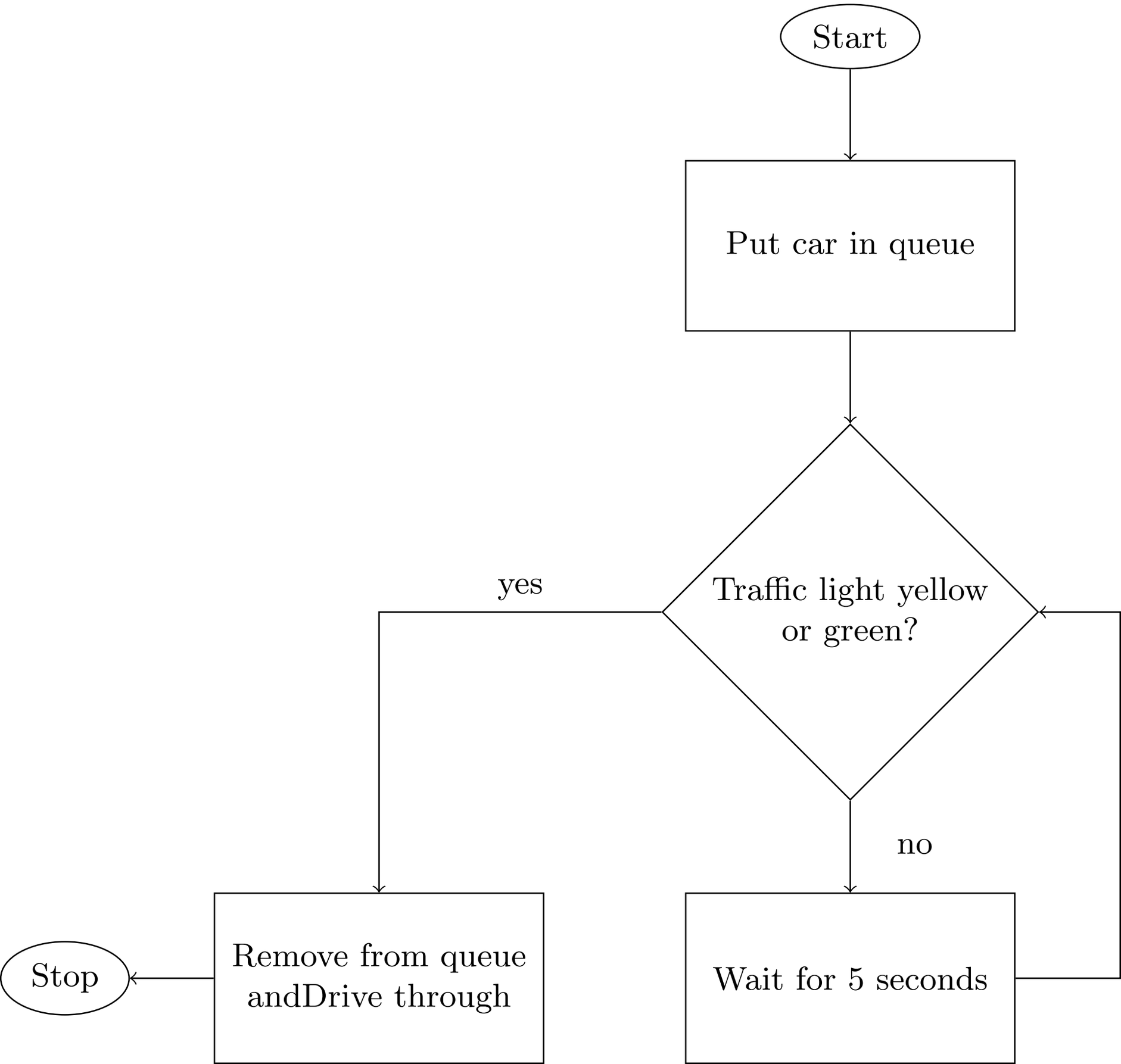
Traffic light



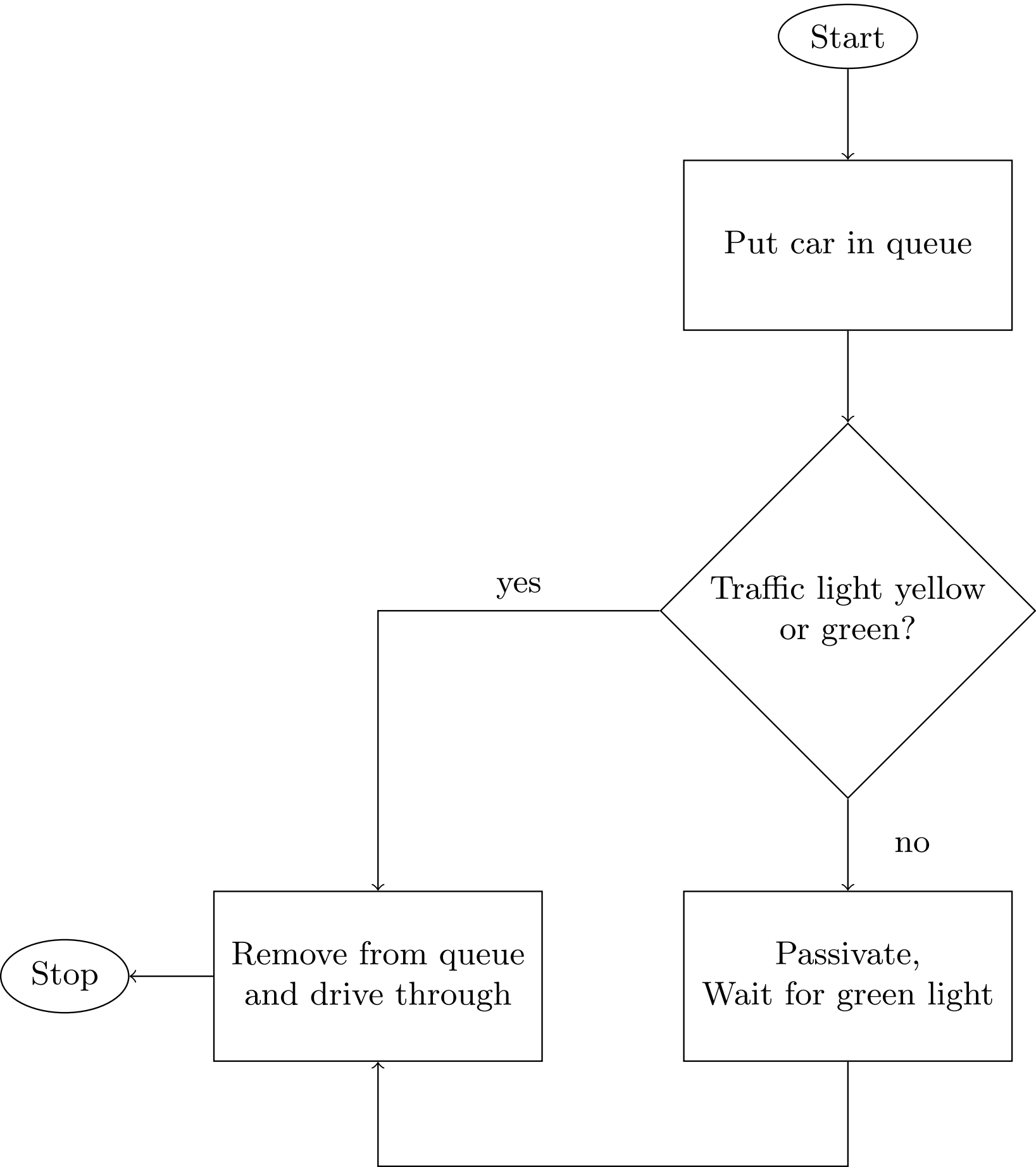
Car generator

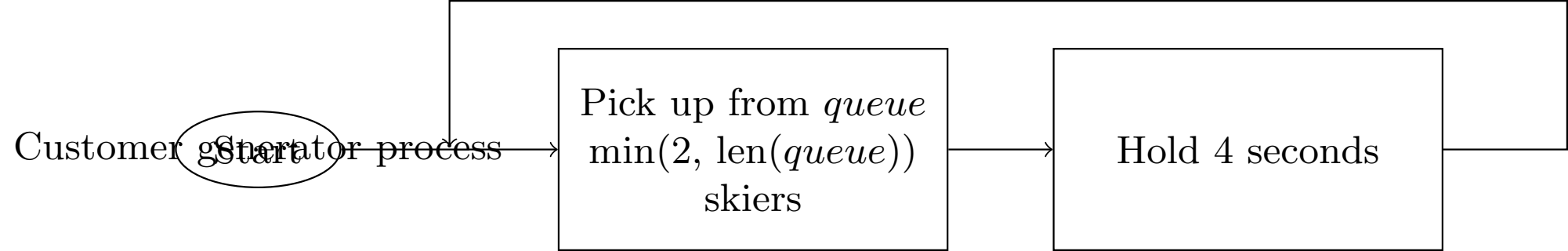


Car process


Start
Put car in queue
Traffic light yellow or green?
yes
no
Remove from queue andDrive through
Stop
Wait for 5 seconds

Car process


Start
Put car in queue
Traffic light yellow or green?
yes
no
Remove from queue and drive through
Stop
Passivate, Wait for green light


Customer generator process
Start
Pick up from *queue*
min(2, len(*queue*))
skiers
Hold 4 seconds