

synchronized  $\Rightarrow$  synchronization

$\Rightarrow$  multiple Threads  $\Rightarrow$  at any given point of time only one thread will

synchronized  $\Rightarrow$  method  $\Rightarrow$  execute  $\Rightarrow$  we want apply lock  
by Block  $\Rightarrow$  specific part of behavior

Thread  $\Rightarrow$  ✓

creates Threads  $\Rightarrow$  ✓

implements Runnable  $\Rightarrow$  ✓

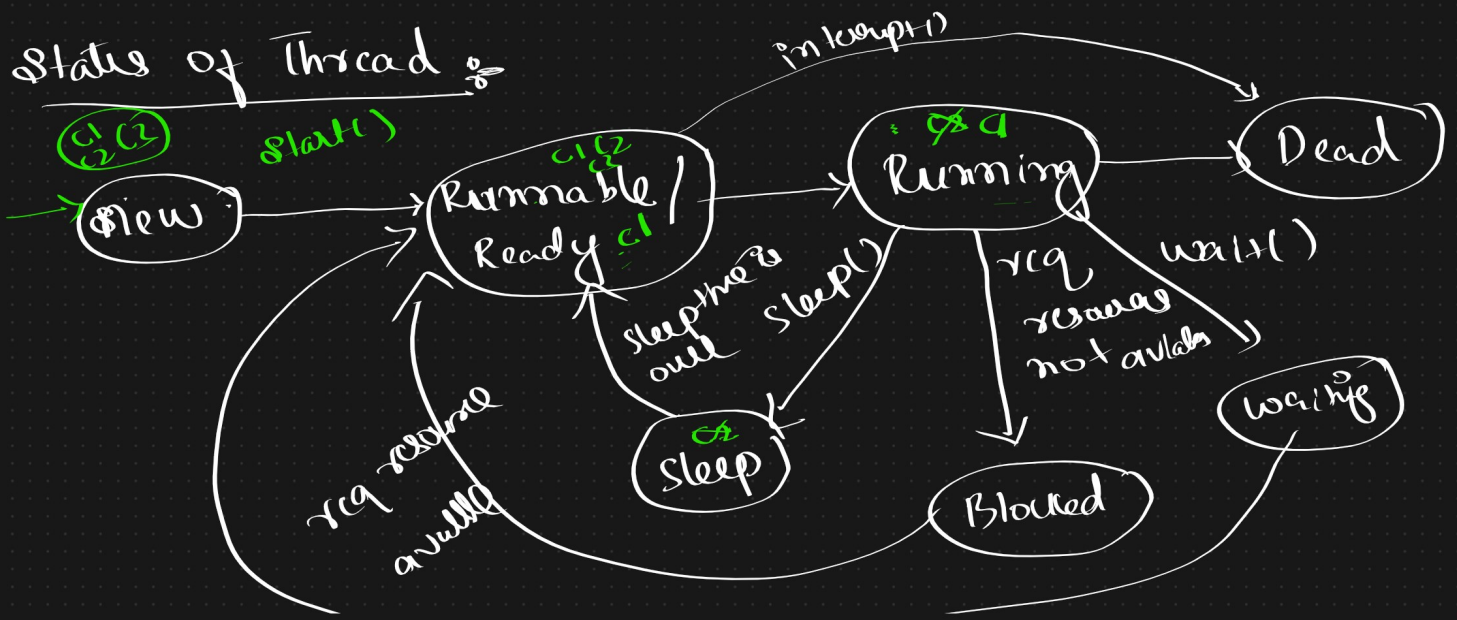
concurrent execution :-

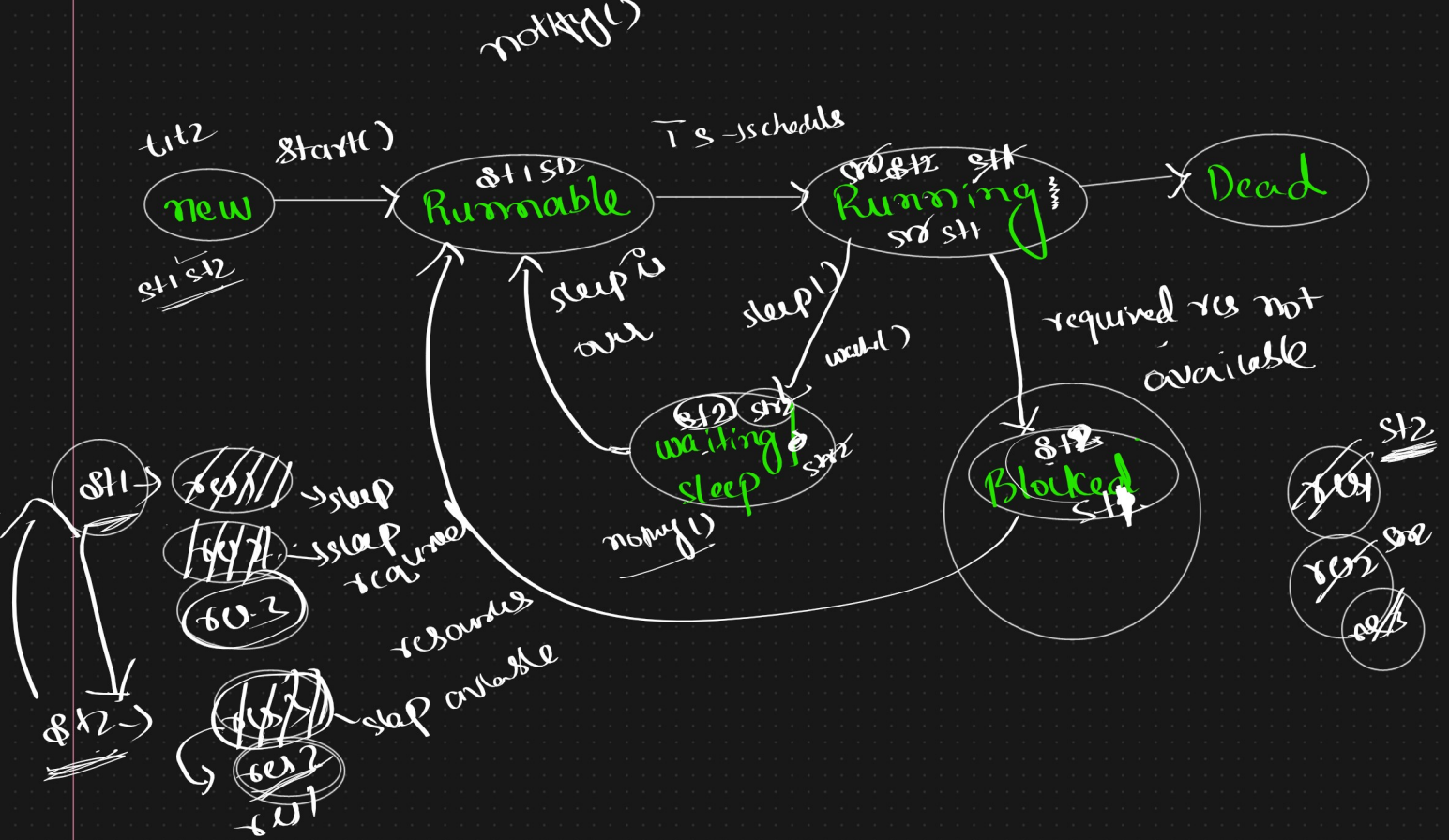
single run() :-

banking()

synchronized :-

States of Thread :-





⇒ { Producer and consumer problem }  
 ⇕  
 { Inter Thread communication }

