```
[samneet@csslab1 ~]$ cd Program3B
[samneet@csslab1 Program3B]$ javac SyncQueue.java Kernel.java
 Note: Kernel.java uses or overrides a deprecated API.
 Note: Recompile with -Xlint:deprecation for details.
 Note: Kernel.java uses unchecked or unsafe operations.
 Note: Recompile with -Xlint:unchecked for details.

  [samneet@csslab1 Program3B]$ java Boot

 threadOS ver 2.0:
 Type ? for help
 threadOS: a new thread (thread=Thread[Thread-3,2,main] tid=0 pid=-1)
 -->l Shell
 l Shell
 threadOS: a new thread (thread=Thread[Thread-5,2,main] tid=1 pid=0)
 shell[1]% Test2
 Test2
 threadOS: a new thread (thread=Thread[Thread-7,2,main] tid=2 pid=1)
 threadOS: a new thread (thread=Thread[Thread-9,2,main] tid=3 pid=2)
 threadOS: a new thread (thread=Thread[Thread-11,2,main] tid=4 pid=2)
 threadOS: a new thread (thread=Thread[Thread-13,2,main] tid=5 pid=2)
 threadOS: a new thread (thread=Thread[Thread-15,2,main] tid=6 pid=2)
 threadOS: a new thread (thread=Thread[Thread-17,2,main] tid=7 pid=2)
 Thread[b]: response time = 4000 turnaround time = 5001 execution time = 1001
 Thread[e]: response time = 7001 turnaround time = 7502 execution time = 501
 Thread[c]: response time = 5000 turnaround time = 8005 execution time = 3005
 Thread[a]: response time = 2999 turnaround time = 8007 execution time = 5008
 Thread[d]: response time = 6001 turnaround time = 12010 execution time = 6009
 Test2b finished; total time = 12013
 shell[2]% exit
 exit
 -->q
 [samneet@csslab1 Program3B]$
```