```
Last login: Mon Oct 23 00:16:33 on ttys002
Sushmithas-MacBook-Air:p2 sushmithashridhar$ make
kpl Main -unsafe
asm Main.s
lddd System.o List.o Thread.o Switch.o Synch.o Main.o Runtime.o -o os
Sushmithas-MacBook-Air:p2 sushmithashridhar$ blitz -g os
Beginning execution...
====================  KPL PROGRAM STARTING  ====================
Example Thread-based Programs...
Initializing Thread Scheduler...

-- You should see 70 lines, each consecutively numbered. --

LockTester-A = 1
LockTester-A = 2
LockTester-A = 3
LockTester-A = 4
LockTester-A = 5
LockTester-A = 6
LockTester-B = 7
LockTester-C = 8
LockTester-D = 9
LockTester-E = 10
LockTester-A = 11
LockTester-F = 12
LockTester-G = 13
LockTester-B = 14
LockTester-C = 15
LockTester-D = 16
LockTester-E = 17
LockTester-F = 18
LockTester-A = 19
LockTester-B = 20
LockTester-G = 21
LockTester-C = 22
LockTester-D = 23
LockTester-E = 24
LockTester-F = 25
LockTester-A = 26
LockTester-B = 27
LockTester-G = 28
LockTester-D = 29
LockTester-C = 30
LockTester-F = 31
LockTester-E = 32
LockTester-B = 33
LockTester-A = 34
LockTester-D = 35
LockTester-G = 36
LockTester-C = 37
LockTester-F = 38
LockTester-E = 39
LockTester-B = 40
LockTester-D = 41
LockTester-G = 42
LockTester-C = 43
LockTester-F = 44
LockTester-E = 45
LockTester-B = 46
LockTester-D = 47
LockTester-C = 48
LockTester-G = 49
LockTester-E = 50
LockTester-F = 51
LockTester-D = 52
LockTester-B = 53
LockTester-C = 54
LockTester-G = 55
LockTester-E = 56
LockTester-F = 57
LockTester-D = 58
LockTester-B = 59
LockTester-C = 60
LockTester-G = 61
LockTester-E = 62
LockTester-F = 63
LockTester-D = 64
LockTester-B = 65
LockTester-G = 66
LockTester-C = 67
LockTester-F = 68
LockTester-E = 69
LockTester-G = 70

*****  A 'wait' instruction was executed and no more interrupts are scheduled... halting emulation!  *****

Done!  The next instruction to execute will be:
000EC8: 09000000        ret
Number of Disk Reads    = 0
Number of Disk Writes   = 0
Instructions Executed   = 214466
Time Spent Sleeping     = 0
    Total Elapsed Time  = 214466
Sushmithas-MacBook-Air:p2 sushmithashridhar$
```

```
Last login: Mon Oct 23 07:30:30 on ttys002
Sushmithas-MacBook-Air:p2 sushmithashridhar$ make
kpl Main -unsafe
asm Main.s
lddd System.o List.o Thread.o Switch.o Synch.o Main.o Runtime.o -o os
Sushmithas-MacBook-Air:p2 sushmithashridhar$ blitz -g os
Beginning execution...
===================  KPL PROGRAM STARTING  ===================
Example Thread-based Programs...
Initializing Thread Scheduler...
        Producer-A        A
A       Producer-B            B
AB      Consumer-1                        |      A
B       Producer-C              C
BC      Producer-D                 D
BCD     Producer-E                    E
BCDE    Consumer-2                        |          B
CDE     Producer-A        A
CDEA    Consumer-3                        |                  C
DEA     Producer-B            B
DEAB    Consumer-1                        |      D
EAB     Consumer-2                        |          E
AB      Producer-C              C
ABC     Consumer-3                        |                  A
BC      Consumer-1                        |      B
C       Producer-D                 D
CD      Consumer-2                        |          C
D       Consumer-3                        |                  D
        Producer-E                    E
E       Consumer-1                        |      E
        Producer-A        A
A       Producer-B            B
AB      Consumer-2                        |          A
B       Producer-D                 D
BD      Consumer-3                        |                  B
D       Consumer-1                        |      D
        Producer-C              C
C       Consumer-2                        |          C
        Producer-E                    E
E       Producer-A        A
EA      Producer-D                 D
EAD     Consumer-3                        |                  E
AD      Producer-B            B
ADB     Consumer-1                        |      A
DB      Consumer-2                        |          D
B       Producer-C              C
BC      Consumer-3                        |                  B
C       Consumer-1                        |      C
        Producer-E                    E
E       Consumer-2                        |          E
        Producer-A        A
A       Consumer-3                        |                  A
        Producer-D                 D
D       Consumer-2                        |          D
        Producer-E                    E
E       Consumer-1                        |      E
        Producer-B            B
B       Producer-C              C
BC      Consumer-3                        |                  B
C       Consumer-2                        |          C

***** A 'wait' instruction was executed and no more interrupts are scheduled... halting emulation!  *****

Done!  The next instruction to execute will be:
000EC8: 09000000        ret
Number of Disk Reads    = 0
Number of Disk Writes   = 0
Instructions Executed   = 254182
Time Spent Sleeping     = 0
    Total Elapsed Time  = 254182
Sushmithas-MacBook-Air:p2 sushmithashridhar$
```
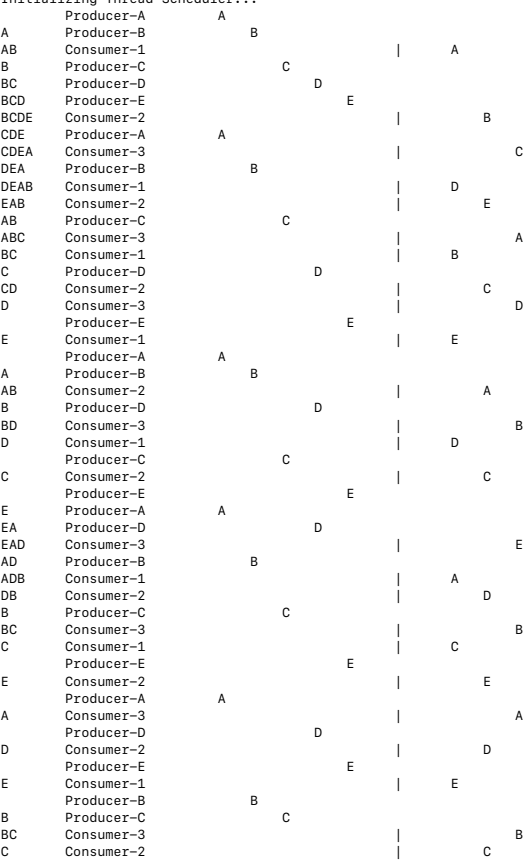
```
Last login: Mon Oct 23 00:13:37 on ttys002
Sushmithas-MacBook-Air:p2 sushmithashridhar$ make
kpl Main -unsafe
asm Main.s
lddd System.o List.o Thread.o Switch.o Synch.o Main.o Runtime.o -o os
Sushmithas-MacBook-Air:p2 sushmithashridhar$ blitz -g os
Beginning execution...
====================  KPL PROGRAM STARTING  ====================
Example Thread-based Programs...
Initializing Thread Scheduler...
Plato
     Sartre
          Kant
               Nietzsche
                    Aristotle
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*****  A 'wait' instruction was executed and no more interrupts are scheduled... halting emulation!  *****

Done!  The next instruction to execute will be:
000EC8: 09000000        ret
Number of Disk Reads    = 0
Number of Disk Writes   = 0
Instructions Executed   = 434117
Time Spent Sleeping     = 0
    Total Elapsed Time  = 434117
Sushmithas-MacBook-Air:p2 sushmithashridhar$
```