

```
#####  
Script started on Sun, Oct 19, 2014  1:02:19 PM
```

```
justin@Justin ~/cs333/p3
```

```
$ make  
kpl Main -unsafe  
asm Main.s  
lddd System.o List.o Thread.o Switch.o Synch.o Main.o Runtime.o -o os
```

```
justin@Justin ~/cs333/p3
```

```
$ blitz -g os  
Beginning execution...  
===== KPL PROGRAM STARTING =====
```

```
Initializing Thread Scheduler...
```

```
-- PART 1: BEGIN TESTING --
```

```
THREAD[A - Backgammon]  NEEDS  using 4 dice!
```

```
---Now there are 5 dice left...
```

```
THREAD[A - Backgammon] PROCEEDS using 4 dice!
```

```
---Now there are 1 dice left...
```

```
THREAD[B - Backgammon]  NEEDS  using 4 dice!
```

```
---Now there are 1 dice left...
```

```
THREAD[D - Risk]  NEEDS  using 5 dice!
```

```
---Now there are 1 dice left...
```

THREAD[C - Risk] NEEDS using 5 dice!

---Now there are 1 dice left...

THREAD[E - Monopoly] NEEDS using 2 dice!

---Now there are 1 dice left...

THREAD[G - Pictionary] NEEDS using 1 dice!

---Now there are 1 dice left...

THREAD[H - Pictionary] NEEDS using 1 dice!

---Now there are 1 dice left...

THREAD[F - Monopoly] NEEDS using 2 dice!

---Now there are 1 dice left...

THREAD[A - Backgammon] DICE ADDED BACK using 4 dice!

---Now there are 5 dice left...

THREAD[A - Backgammon] NEEDS using 4 dice!

---Now there are 5 dice left...

THREAD[B - Backgammon] PROCEEDS using 4 dice!

---Now there are 1 dice left...

THREAD[B - Backgammon] DICE ADDED BACK using 4 dice!

---Now there are 5 dice left...

THREAD[B - Backgammon] NEEDS using 4 dice!

---Now there are 5 dice left...

THREAD[D - Risk] PROCEEDS using 5 dice!

---Now there are 0 dice left...

THREAD[D - Risk] DICE ADDED BACK using 5 dice!

---Now there are 5 dice left...

THREAD[D - Risk] NEEDS using 5 dice!

---Now there are 5 dice left...

THREAD[C - Risk] PROCEEDS using 5 dice!

---Now there are 0 dice left...

THREAD[C - Risk] DICE ADDED BACK using 5 dice!

---Now there are 5 dice left...

THREAD[E - Monopoly] PROCEEDS using 2 dice!

---Now there are 3 dice left...

THREAD[C - Risk] NEEDS using 5 dice!

---Now there are 3 dice left...

THREAD[G - Pictionary] PROCEEDS using 1 dice!

---Now there are 2 dice left...

THREAD[H - Pictionary] PROCEEDS using 1 dice!

---Now there are 1 dice left...

THREAD[E - Monopoly] DICE ADDED BACK using 2 dice!

---Now there are 3 dice left...

THREAD[E - Monopoly] NEEDS using 2 dice!

---Now there are 3 dice left...

THREAD[F - Monopoly] PROCEEDS using 2 dice!

---Now there are 1 dice left...

THREAD[G - Pictionary] DICE ADDED BACK using 1 dice!

---Now there are 2 dice left...

THREAD[G - Pictionary] NEEDS using 1 dice!

---Now there are 2 dice left...

THREAD[H - Pictionary] DICE ADDED BACK using 1 dice!

---Now there are 3 dice left...

THREAD[H - Pictionary] NEEDS using 1 dice!

---Now there are 3 dice left...

THREAD[F - Monopoly] DICE ADDED BACK using 2 dice!

---Now there are 5 dice left...

THREAD[F - Monopoly] NEEDS using 2 dice!

---Now there are 5 dice left...

THREAD[A - Backgammon] PROCEEDS using 4 dice!

---Now there are 1 dice left...

THREAD[A - Backgammon] DICE ADDED BACK using 4 dice!

---Now there are 5 dice left...

THREAD[A - Backgammon] NEEDS using 4 dice!

---Now there are 5 dice left...

THREAD[B - Backgammon] PROCEEDS using 4 dice!

---Now there are 1 dice left...

THREAD[B - Backgammon] DICE ADDED BACK using 4 dice!

---Now there are 5 dice left...

THREAD[B - Backgammon] NEEDS using 4 dice!

---Now there are 5 dice left...

THREAD[D - Risk] PROCEEDS using 5 dice!

---Now there are 0 dice left...

THREAD[D - Risk] DICE ADDED BACK using 5 dice!

---Now there are 5 dice left...

THREAD[C - Risk] PROCEEDS using 5 dice!

---Now there are 0 dice left...

THREAD[D - Risk] NEEDS using 5 dice!

---Now there are 0 dice left...

THREAD[C - Risk] DICE ADDED BACK using 5 dice!

---Now there are 5 dice left...

THREAD[E - Monopoly] PROCEEDS using 2 dice!

---Now there are 3 dice left...

THREAD[C - Risk] NEEDS using 5 dice!

---Now there are 3 dice left...

THREAD[G - Pictionary] PROCEEDS using 1 dice!

---Now there are 2 dice left...

THREAD[H - Pictionary] PROCEEDS using 1 dice!

---Now there are 1 dice left...

THREAD[E - Monopoly] DICE ADDED BACK using 2 dice!

---Now there are 3 dice left...

THREAD[E - Monopoly] NEEDS using 2 dice!

---Now there are 3 dice left...

THREAD[F - Monopoly] PROCEEDS using 2 dice!

---Now there are 1 dice left...

THREAD[G - Pictionary] DICE ADDED BACK using 1 dice!

---Now there are 2 dice left...

THREAD[G - Pictionary] NEEDS using 1 dice!

---Now there are 2 dice left...

THREAD[H - Pictionary] DICE ADDED BACK using 1 dice!

---Now there are 3 dice left...

THREAD[H - Pictionary] NEEDS using 1 dice!

---Now there are 3 dice left...

THREAD[F - Monopoly] DICE ADDED BACK using 2 dice!

---Now there are 5 dice left...

THREAD[F - Monopoly] NEEDS using 2 dice!

---Now there are 5 dice left...

THREAD[A - Backgammon] PROCEEDS using 4 dice!

---Now there are 1 dice left...

THREAD[A - Backgammon] DICE ADDED BACK using 4 dice!

---Now there are 5 dice left...

THREAD[A - Backgammon] NEEDS using 4 dice!

---Now there are 5 dice left...

THREAD[B - Backgammon] PROCEEDS using 4 dice!

---Now there are 1 dice left...



THREAD[B - Backgammon] DICE ADDED BACK using 4 dice!

---Now there are 5 dice left...

THREAD[B - Backgammon] NEEDS using 4 dice!

---Now there are 5 dice left...

THREAD[D - Risk] PROCEEDS using 5 dice!

---Now there are 0 dice left...

THREAD[D - Risk] DICE ADDED BACK using 5 dice!

---Now there are 5 dice left...

THREAD[C - Risk] PROCEEDS using 5 dice!

---Now there are 0 dice left...

THREAD[D - Risk] NEEDS using 5 dice!

---Now there are 0 dice left...

THREAD[C - Risk] DICE ADDED BACK using 5 dice!

---Now there are 5 dice left...

THREAD[C - Risk] NEEDS using 5 dice!

---Now there are 5 dice left...

THREAD[E - Monopoly] PROCEEDS using 2 dice!

---Now there are 3 dice left...

THREAD[G - Pictionary] PROCEEDS using 1 dice!

---Now there are 2 dice left...

THREAD[H - Pictionary] PROCEEDS using 1 dice!

---Now there are 1 dice left...

THREAD[E - Monopoly] DICE ADDED BACK using 2 dice!

---Now there are 3 dice left...

THREAD[E - Monopoly] NEEDS using 2 dice!

---Now there are 3 dice left...

THREAD[F - Monopoly] PROCEEDS using 2 dice!

---Now there are 1 dice left...

THREAD[G - Pictionary] DICE ADDED BACK using 1 dice!

---Now there are 2 dice left...

THREAD[G - Pictionary] NEEDS using 1 dice!

---Now there are 2 dice left...

THREAD[H - Pictionary] DICE ADDED BACK using 1 dice!

---Now there are 3 dice left...

THREAD[H - Pictionary] NEEDS using 1 dice!

---Now there are 3 dice left...

THREAD[F - Monopoly] DICE ADDED BACK using 2 dice!

---Now there are 5 dice left...

THREAD[F - Monopoly] NEEDS using 2 dice!

---Now there are 5 dice left...

THREAD[A - Backgammon] PROCEEDS using 4 dice!

---Now there are 1 dice left...

THREAD[A - Backgammon] DICE ADDED BACK using 4 dice!

---Now there are 5 dice left...

THREAD[B - Backgammon] PROCEEDS using 4 dice!

---Now there are 1 dice left...

THREAD[A - Backgammon] NEEDS using 4 dice!

---Now there are 1 dice left...

THREAD[B - Backgammon] DICE ADDED BACK using 4 dice!

---Now there are 5 dice left...

THREAD[D - Risk] PROCEEDS using 5 dice!

---Now there are 0 dice left...

THREAD[B - Backgammon] NEEDS using 4 dice!

---Now there are 0 dice left...

THREAD[D - Risk] DICE ADDED BACK using 5 dice!

---Now there are 5 dice left...

THREAD[C - Risk] PROCEEDS using 5 dice!

---Now there are 0 dice left...

THREAD[D - Risk] NEEDS using 5 dice!

---Now there are 0 dice left...

THREAD[C - Risk] DICE ADDED BACK using 5 dice!

---Now there are 5 dice left...

THREAD[C - Risk] NEEDS using 5 dice!

---Now there are 5 dice left...

THREAD[E - Monopoly] PROCEEDS using 2 dice!

---Now there are 3 dice left...

THREAD[G - Pictionary] PROCEEDS using 1 dice!

---Now there are 2 dice left...

THREAD[H - Pictionary] PROCEEDS using 1 dice!

---Now there are 1 dice left...

THREAD[E - Monopoly] DICE ADDED BACK using 2 dice!

---Now there are 3 dice left...

THREAD[E - Monopoly] NEEDS using 2 dice!

---Now there are 3 dice left...

THREAD[F - Monopoly] PROCEEDS using 2 dice!

---Now there are 1 dice left...

THREAD[G - Pictionary] DICE ADDED BACK using 1 dice!

---Now there are 2 dice left...

THREAD[G - Pictionary] NEEDS using 1 dice!

---Now there are 2 dice left...

THREAD[H - Pictionary] DICE ADDED BACK using 1 dice!

---Now there are 3 dice left...

THREAD[H - Pictionary] NEEDS using 1 dice!

---Now there are 3 dice left...

THREAD[F - Monopoly] DICE ADDED BACK using 2 dice!

---Now there are 5 dice left...

THREAD[A - Backgammon] PROCEEDS using 4 dice!

---Now there are 1 dice left...

THREAD[F - Monopoly] NEEDS using 2 dice!

---Now there are 1 dice left...

THREAD[A - Backgammon] DICE ADDED BACK using 4 dice!

---Now there are 5 dice left...

THREAD[B - Backgammon] PROCEEDS using 4 dice!

---Now there are 1 dice left...

THREAD[B - Backgammon] DICE ADDED BACK using 4 dice!

---Now there are 5 dice left...

THREAD[D - Risk] PROCEEDS using 5 dice!

---Now there are 0 dice left...

THREAD[D - Risk] DICE ADDED BACK using 5 dice!

---Now there are 5 dice left...

THREAD[C - Risk] PROCEEDS using 5 dice!

---Now there are 0 dice left...

THREAD[C - Risk] DICE ADDED BACK using 5 dice!

---Now there are 5 dice left...

THREAD[E - Monopoly] PROCEEDS using 2 dice!

---Now there are 3 dice left...

THREAD[G - Pictionary] PROCEEDS using 1 dice!

---Now there are 2 dice left...

THREAD[H - Pictionary] PROCEEDS using 1 dice!

---Now there are 1 dice left...

THREAD[E - Monopoly] DICE ADDED BACK using 2 dice!

---Now there are 3 dice left...

THREAD[F - Monopoly] PROCEEDS using 2 dice!

---Now there are 1 dice left...

THREAD[G - Pictionary] DICE ADDED BACK using 1 dice!

---Now there are 2 dice left...

THREAD[H - Pictionary] DICE ADDED BACK using 1 dice!

---Now there are 3 dice left...

THREAD[F - Monopoly] DICE ADDED BACK using 2 dice!

---Now there are 5 dice left...

\*\*\*\*\* 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    = 3790415
Time Spent Sleeping     = 0
    Total Elapsed Time  = 3790415
```

justin@Justin ~/cs333/p3

\$ exit

Script done on Sun, Oct 19, 2014 1:02:34 PM