Here is an example of the output for the GamingParlor problem.

```
There are 8 groups, named A through H. Each group does the following:
    for i = 1 to 5
        obtain dice
        ...play game (no actual work)...
        return dice
        endFor

Each group needs a different number of dice.
        Group A needs 4 dice.
        Group B needs 4 dice.
        Group C needs 5 dice.
        Group D needs 5 dice.
        Group F needs 2 dice.
        Group G needs 1 die.
        Group H needs 1 die.
```

There are a total of 8 dice available, so sometimes groups must wait between requesting dice and the dice being granted and being allowed to proceed.

```
======= KPL PROGRAM STARTING ==========
Initializing Thread Scheduler...
A requests 4
-----Number of dice now avail = 8
A proceeds with 4
-----Number of dice now avail = 4
B requests 4
----Number of dice now avail = 4
B proceeds with 4
-----Number of dice now avail = 0
A releases and adds back 4
-----Number of dice now avail = 4
H requests 1
-----Number of dice now avail = 4
H proceeds with 1
----Number of dice now avail = 3
B releases and adds back 4
-----Number of dice now avail = 7
A requests 4
-----Number of dice now avail = 7
A proceeds with 4
 -----Number of dice now avail = 3
C requests 5
  -----Number of dice now avail = 3
F requests 2
   -----Number of dice now avail = 3
G requests 1
-----Number of dice now avail = 3
D requests 5
  -----Number of dice now avail = 3
-----Number of dice now avail = 3
E requests 2
```

A releases				-Number	of	dice	now	avail	=	3
C proceeds	 with 5			-Number	of	dice	now	avail	=	7
H releases				-Number	of	dice	now	avail	=	2
A requests	4									
F proceeds				-Number	of	dice	now	avail	=	3
H requests	1			-Number						
F releases				-Number	of	dice	now	avail	=	1
C releases				-Number	of	dice	now	avail	=	3
G proceeds				-Number	of	dice	now	avail	=	8
D proceeds				-Number	of	dice	now	avail	=	7
F requests				-Number	of	dice	now	avail	=	2
				-Number	of	dice	now	avail	=	2
				-Number	of	dice	now	avail	=	3
C requests				-Number	of	dice	now	avail	=	3
D releases				-Number	of	dice	now	avail	=	8
G requests				-Number	of	dice	now	avail	=	8
B proceeds				-Number	of	dice	now	avail	=	4
				-Number	of	dice	now	avail	=	2
B releases				-Number	of	dice	now	avail	=	6
A proceeds				-Number	of	dice	now	avail	=	2
H proceeds				-Number	of	dice	now	avail	=	1
D requests				-Number	of	dice	now	avail	=	1
B requests	4									
A releases	and adds	back	4							
F proceeds	with 2			-Number						
E releases	and adds	back	2							
C proceeds	with 5									
H releases	and adds	back	1							
F releases	and adds	back	2							
A requests	4									
				-Number	of	dice	now	avail	=	3

E requests				-Number	of	dice	now	avail	=	3
G proceeds	with 1									
H requests	1									
F requests	2									
C releases				-Number	of	dice	now	avail	=	2
D proceeds				-Number	of	dice	now	avail	=	7
C requests G releases				-Number	of	dice	now	avail	=	2
				-Number	of	dice	now	avail	=	3
D releases				-Number	of	dice	now	avail	=	8
B proceeds	with 4 			-Number	of	dice	now	avail	=	4
A proceeds	with 4 			-Number	of	dice	now	avail	=	0
G requests										
B releases	and adds	back	4							
E proceeds	with 2									
D requests	5									
B requests	4									
H proceeds				-Number	of	dice	now	avail	=	2
E releases				-Number	of	dice	now	avail	=	1
F proceeds				-Number	of	dice	now	avail	=	3
				-Number	of	dice	now	avail	=	1
H releases				-Number	of	dice	now	avail	=	2
E requests	2 			-Number	of	dice	now	avail	=	2
F releases				-Number	of	dice	now	avail	=	4
H requests	1									
F requests	2									
A releases	and adds	back	4							
C proceeds	with 5			-Number						
A requests	4			-Number						
G proceeds	 with 1			-Number	of	dice	now	avail	=	3
C releases				-Number	of	dice	now	avail	=	2
				-Number	of	dice	now	avail	=	7
G releases	and adds	Dack	T							

		-Number	of	dice	now	avail =	=	8
D proceeds v		-Number	of	dice	now	avail =	=	3
G requests								
D releases a	and adds back 5							
C requests 5								
B proceeds v	 with 4	-Number	of	dice	now	avail =	=	8
		-Number	of	dice	now	avail =	=	4
		-Number	of	dice	now	avail =	=	2
D requests 5	5 	-Number	of	dice	now	avail =	=	2
	and adds back 4	-Number						
E releases a	and adds back 2							
H proceeds v	 with 1	-Number	ΟÍ	dice	now	avail =	=	8
F proceeds v	 with 2	-Number	of	dice	now	avail =	=	7
-		-Number	of	dice	now	avail =	=	5
		-Number	of	dice	now	avail =	=	5
E requests 2	2	-Number	of	dice	now	avail =	=	1
F releases a	and adds back 2							
G proceeds v	with 1							
F requests 2	 2	-Number	of	dice	now	avail =	=	2
	and adds back 1	-Number	of	dice	now	avail =	=	2
	and adds back 4	-Number	of	dice	now	avail =	=	3
		-Number	of	dice	now	avail =	=	7
C proceeds v		-Number	of	dice	now	avail =	=	2
H requests	1 	-Number	of	dice	now	avail =	=	2
G releases a	and adds back 1							
C releases a	and adds back 5							
G requests	 1	-Number	of	dice	now	avail =	=	8
D proceeds v	 with 5	-Number	of	dice	now	avail =	=	8
		-Number	of	dice	now	avail =	=	3
		-Number	of	dice	now	avail =	=	3
D releases a	and adds back 5 	-Number	of	dice	now	avail =	=	8
B proceeds v								
D requests 5	5							
		-Number	of	dice	now	avail =	=	4

Е	proceeds			-Number	٥f	diao	nou	orroi 1	_	2
F	proceeds		 	-Nulliber	OI	arce	IIOW	avall	_	2
	releases			-Number	of	dice	now	avail	=	0
			 	-Number	of	dice	now	avail	=	2
F 	releases	and adds		-Number	of	dice	now	avail	=	4
_	releases		 _			, .				_
	proceeds		 	-number	OI	aice	now	avall	=	8
	proceeds	 wi+h 1	 	-Number	of	dice	now	avail	=	7
			 	-Number	of	dice	now	avail	=	6
	proceeds		 	-Number	of	dice	now	avail	=	1
E	requests	2								
	releases			-Number	OI	aice	now	avall	=	1
	releases	and adds		-Number	of	dice	now	avail	=	2
			 	-Number	of	dice	now	avail	=	7
_	releases		 _	-Number	of	dice	now	avail	=	8
D	proceeds			Manuela a ca		a:			_	2
	proceeds									
	releases			-Number	of	dice	now	avail	=	1
			 	-Number	of	dice	now	avail	=	6
E 	releases	and adds 		-Number	of	dice	now	avail	=	8