COSC 4740 Operating System Design

Lab Section 11

Program 1

github repo: cosc4740fa24/os_program1-cojoda

Cody Danielson

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Statement of Help

I worked alone, did everything by myself.

Output

```
./os_program1-cojoda
Size of the int queue array is 5
Total number of elements in the char queue array is 0

Return value is 1
Return value is 1
Return value is 1
Return value is 1
Return value is 1
Return value is -1
Number of elements in the first queue in int queue array is 5
Number of elements in the second queue in int queue array is 0
Number of elements in the third queue in int queue array is 8
Number of elements in the fourth queue in int queue array is 0
Number of elements in the fifth queue in int queue array is 2
Total number of elements in the int queue array is 15

Return value is 1
Return value is 1
Return value is 1
Return value is 1
Return value is 1
Return value is 1
Return value is 1
Return value is 1
Return value is 1
Return value is 1
Return value is 1
Number of elements in the second queue in char queue array is 6
Number of elements in the third queue in char queue array is 0
Number of elements in the fourth queue in char queue array is 0
Total number of elements in the char queue array is 21

Elements in the seventh queue in char queue array are a a a a a a a a a a a

 Elements in the fifth queue in int queue array are 10 10
Dequeued element from the int queue array is 0
Dequeued element from the int queue array is 1
 Elements in the first queue in int queue array are 2 3 4
 Elements in the second queue in char queue array are b b b b b b
Dequeued element from the char queue array is b
Dequeued element from the char queue array is b
Dequeued element from the char queue array is b
 Elements in the second queue in char queue array are b b b
```