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OS – HW7
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Data: [10, 20, 30, 40, 50, 60, 70, 80]
Buffer Size: 5

Problem 1: Bounded buffer without synchronization

It looks like the parent thread gets a head start on the child, so all of the values were written to the buffer before they were begun to be read out

```
cassidy@nyota:~/eeecs338/hw7$ ./p1
60
70
80
90
100
60
70
80
90
100
```

Problem 2: Bounded buffer with semaphores

Look at that, semaphores make the producer wait until the consumer has started up before overwriting its old values in the buffer.

```
cassidy@nyota:~/eeecs338/hw7$ ./p2
10
20
30
40
50
60
70
80
90
100
```