

## Fifo Test Working

```
nicholassingh72@DESKTOP-3V6E6AD:~/projects/ps6$ ./fifotest 8 32768
Beginning test with 8 writers, 32768 items each
Reader stream 1 completed
Reader stream 2 completed
Reader stream 3 completed
Reader stream 4 completed
Reader stream 5 completed
Reader stream 6 completed
Reader stream 7 completed
Reader stream 8 completed
Reader stream 9 completed
Reader stream 10 completed
Reader stream 11 completed
Reader stream 12 completed
Reader stream 13 completed
```

... (A whole lot going on here)

```
Writer 4 completed
Reader stream 276 completed
Reader stream 277 completed
Reader stream 278 completed
Reader stream 279 completed
Reader stream 280 completed
Reader stream 281 completed
Reader stream 282 completed
Reader stream 283 completed
Reader stream 284 completed
Reader stream 285 completed
Reader stream 286 completed
Reader stream 287 completed
Reader stream 288 completed
Reader stream 289 completed
Reader stream 290 completed
Reader stream 291 completed
Reader stream 292 completed
Reader stream 293 completed
Reader stream 294 completed
Reader stream 295 completed
Reader stream 296 completed
Reader stream 297 completed
Reader stream 298 completed
Reader stream 299 completed
Reader stream 300 completed
Reader stream 301 completed
Reader stream 302 completed
Reader stream 303 completed
Reader stream 304 completed
Reader stream 305 completed
Reader stream 306 completed
Reader stream 307 completed
Reader stream 308 completed
Reader stream 309 completed
Reader stream 310 completed
Reader stream 311 completed
Reader stream 312 completed
Reader stream 313 completed
Writer 0 completed
All streams done
```

Fifotest hanging from too many writers/items

```
nicholassingh72@DESKTOP-3V6E6AD:~/projects/ps6$ ./fifotest 15 980000  
Beginning test with 15 writers, 980000 items each
```

Spintest Working

```
nicholassingh72@DESKTOP-3V6E6AD:~/projects/ps6$ gcc -o spintest spinlock.c spintest.c tas64.s  
nicholassingh72@DESKTOP-3V6E6AD:~/projects/ps6$ ./spintest 8 1300000  
Number of Processes = 8  
Number of Iterations = 1300000  
Mutex Protection = 10400000  
No Mutex Protection = 8570912  
nicholassingh72@DESKTOP-3V6E6AD:~/projects/ps6$
```