

7. Spinning vs. Yielding

Example: Q6,7 [main-signal.c](#)

```
1  #include <stdio.h>
2
3  #include "mythreads.h"
4
5  int done = 0;
6
7  void* worker(void* arg) {
8      printf("this should print first\n");
9      done = 1;
10     return NULL;
11 }
12
13 int main(int argc, char *argv[]) {
14     pthread_t p;
15     Pthread_create(&p, NULL, worker, NULL);
16     while (done == 0)
17         ;
18     printf("this should print last\n");
19     return 0;
20 }
```

valgrind warns about a possible data race, but the warning is spurious and the code is correct.

Improve using [sched_yield\(\)](#).