

Worksheet #22:

Interaction between finish and actors

Name: _____

Net ID: _____

What output will be printed if the end-finish operation from slide 13 is moved from line 13 to line 11 as shown below?

```
1.  finish(() -> {
2.      int threads = 4;
3.      int numberOfHops = 10;
4.      ThreadRingActor[] ring = new ThreadRingActor[threads];
5.      for(int i=threads-1;i>=0; i--) {
6.          ring[i] = new ThreadRingActor(i);
7.          ring[i].start();
8.          if (i < threads - 1) {
9.              ring[i].nextActor(ring[i + 1]);
10.         } }
11. }); // finish
12. ring[threads-1].nextActor(ring[0]);
13. ring[0].send(numberOfHops);
14.
```

