

# Worksheet: Reordered Asyncns with One Phaser

Task A4 has been moved up to line 6. Does this change the computation graph for slide 5? If so, draw the new computation graph. If not, explain why the computation graph is the same.

No, A4 still needs to wait on A2 and A3 to signal before it can start doA4Phase2().

```
1. finish (() -> {
2.   ph = newPhaser(SIG_WAIT); // mode is SIG_WAIT
3.   asyncPhased(ph.inMode(SIG), () -> {
4.     // A1 (SIG mode)
5.     doA1Phase1(); next(); doA1Phase2(); });
6.   asyncPhased(ph.inMode(HjPhaserMode.WAIT), () -> {
7.     // A4 (WAIT mode)
8.     doA4Phase1(); next(); doA4Phase2(); });
9.   asyncPhased(ph.inMode(SIG_WAIT), () -> {
10.    // A2 (SIG_WAIT mode)
11.    doA2Phase1(); next(); doA2Phase2(); });
12.  asyncPhased(ph.inMode(HjPhaserMode.SIG_WAIT), () -> {
13.    // A3 (SIG_WAIT mode)
14.    doA3Phase1(); next(); doA3Phase2(); });
15. });
```

