

Worksheet 15: Data Driven Futures

Name: _____ Netid: _____

For the example below, will reordering the five `async` statements change the meaning of the program (assuming that the semantics of the reader/writer methods depends only on their parameters)? If so, show two orderings that exhibit different behaviors. If not, explain why not.

```
1. DataDrivenFuture left = new DataDrivenFuture();
2. DataDrivenFuture right = new DataDrivenFuture();
3. finish {
4.   async await(left) leftReader(left); // Task3
5.   async await(right) rightReader(right); // Task5
6.   async await(left,right)
7.     bothReader(left,right); // Task4
8.   async left.put(leftWriter()); // Task1
9.   async right.put(rightWriter()); // Task2
10. }
```

