

Worksheet 14: 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. (You can use the space below this slide for your answer.)

```
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. }
```

