Worksheet 12: Data Driven Futures

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. }
```