# Worksheet #7: Identifying Data Races

Name: _____          Netid: _____

**Identify as many "racy" statement pairs as you can in the pseudoccode shown on the right, e.g., (Si, Sj) if there is a potential data race between Si and Sj**

```
1. p.x = 0; q = p;

2. async p.x = 1; // Task T1

3. async p.x = 2; // Task T2

4. async { // Task T3

5.   System.out.println("First read = " + p.x);

6.   System.out.println("Second read = " + p.x);

7.   System.out.println("Third read = " + p.x)

8. }

9. async { // Task T4

10.  System.out.println("First read = " + p.x);

11.  System.out.println("Second read = " + q.x);

12.  System.out.println("Third read = " + p.x);

13.}
```