Parallel Edge Counting

In this assignment, you will implement the following class that computes the total # of parallel edges in an undirected graph.

```
ParallelEdgeCounter.java

ParallelEdgeCounter(Graph g)
int size()                      // returns the # of parallel edges in g
```

For full credit, your implementation must be correct and compute the value with a running time no worse than *O(V+E)*. Significant partial credit will be awarded for solutions that are correct but do not achieve *O(V+E)*.

What to Submit

`ParallelEdgeCounter.java` and any additional source files you create.