```java
package assignments;
import java.util.concurrent.*;
public class ParallelUniverseExplorer6 {
    private static final ForkJoinPool pool = new ForkJoinPool();
    public static void main(String[] args) {
        System.out.println("Initializing Parallel Universe Explorer...\n");
        ExplorerInitializationTask task =
                new ExplorerInitializationTask(1, 5);
        pool.invoke(task);
        System.out.println("\nExplorer Initialization Completed.");
    }
    static class ExplorerInitializationTask extends RecursiveAction {
        private final int start;
        private final int end;
        ExplorerInitializationTask(int start, int end) {
            this.start = start;
            this.end = end;
        }
        @Override
        protected void compute() {
            if (end - start <= 1) {
                System.out.println("Initializing Universe " + start +
                        " | Thread: " + Thread.currentThread().getName());
            } else {
                int mid = (start + end) / 2;
                ExplorerInitializationTask task1 =
                        new ExplorerInitializationTask(start, mid);
                ExplorerInitializationTask task2 =
                        new ExplorerInitializationTask(mid, end);
                invokeAll(task1, task2);
            }
        }
    }
}
```

Console output:

```
<terminated> ParallelUniverseExplorer6 [Java Application] C:\Program Files\Java\jdk-21\bin\j
Initializing Parallel Universe Explorer...

Initializing Universe 3 | Thread: ForkJoinPool-1-worker-2
Initializing Universe 4 | Thread: ForkJoinPool-1-worker-3
Initializing Universe 1 | Thread: ForkJoinPool-1-worker-1
Initializing Universe 2 | Thread: ForkJoinPool-1-worker-4

Explorer Initialization Completed.
```