

The Driver: Main Code

```
public class WordCount {
    public static void main(String[] args) throws Exception {
        if (args.length != 2) {
            System.out.printf("Usage: WordCount <input dir> <output dir>\n");
            System.exit(-1);
        }
        Job job = new Job();
        job.setJarByClass(WordCount.class);
        job.setJobName("Word Count");

        FileInputFormat.setInputPaths(job, new Path(args[0]));
        FileOutputFormat.setOutputPath(job, new Path(args[1]));

        job.setMapperClass(WordMapper.class);
        job.setReducerClass(SumReducer.class);

        job.setMapOutputKeyClass(Text.class);
        job.setMapOutputValueClass(IntWritable.class);

        job.setOutputKeyClass(Text.class);
        job.setOutputValueClass(IntWritable.class);

        boolean success = job.waitForCompletion(true);
        System.exit(success ? 0 : 1);
    }
}
```