# HW5 Report

Austing Fisher and Martin Fracker

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## Instructions for Comiling and Running

Run `make`. Then there are two jar files: one for problem 1 and one for problem 2 (the bonus problem). The jar files are `p1.jar` and `p2.jar`, respectively. The make targets `run-p1` and `run-p2` run the programs using the sample `input.txt` file and save the output in the an `output` directory.

## Dataset Results

The outputs from both programs are saved in the hdfs directories `/user/mf-17s/p1-output` and `/user/mf-17s/p2-output`, respectively. The histogram for the number of tweets per hour can be seen in Figure 1. The histogram for the number of sleep tweets per hour can be seen in Figure 2.
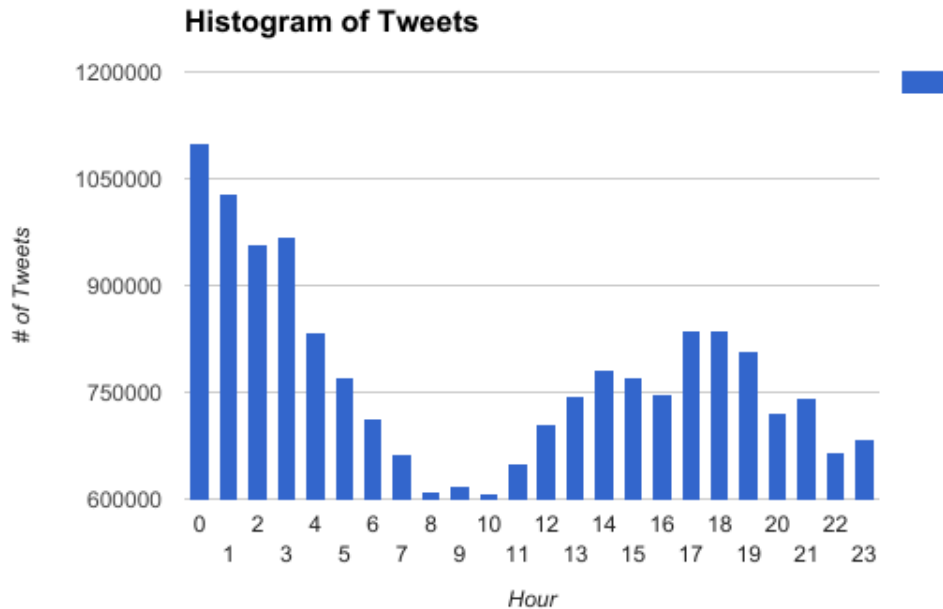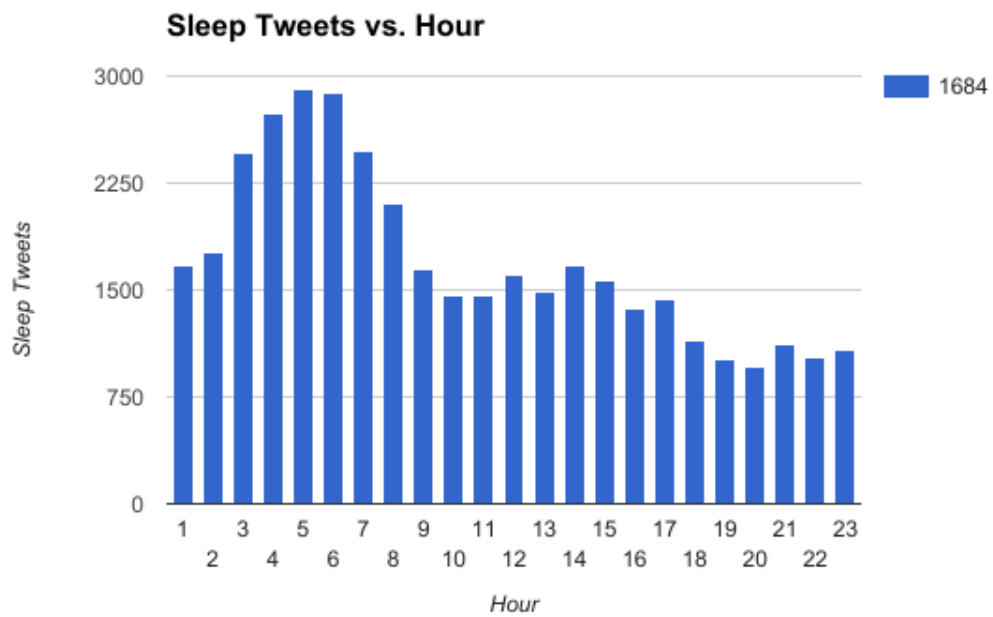


Figure 1: The tweets encountered in each hour.

Figure 2: The sleep tweets encountered in each hour.