MIDS W205 Lab # 9 Lab Apache Storm Introduction Related Module(s)
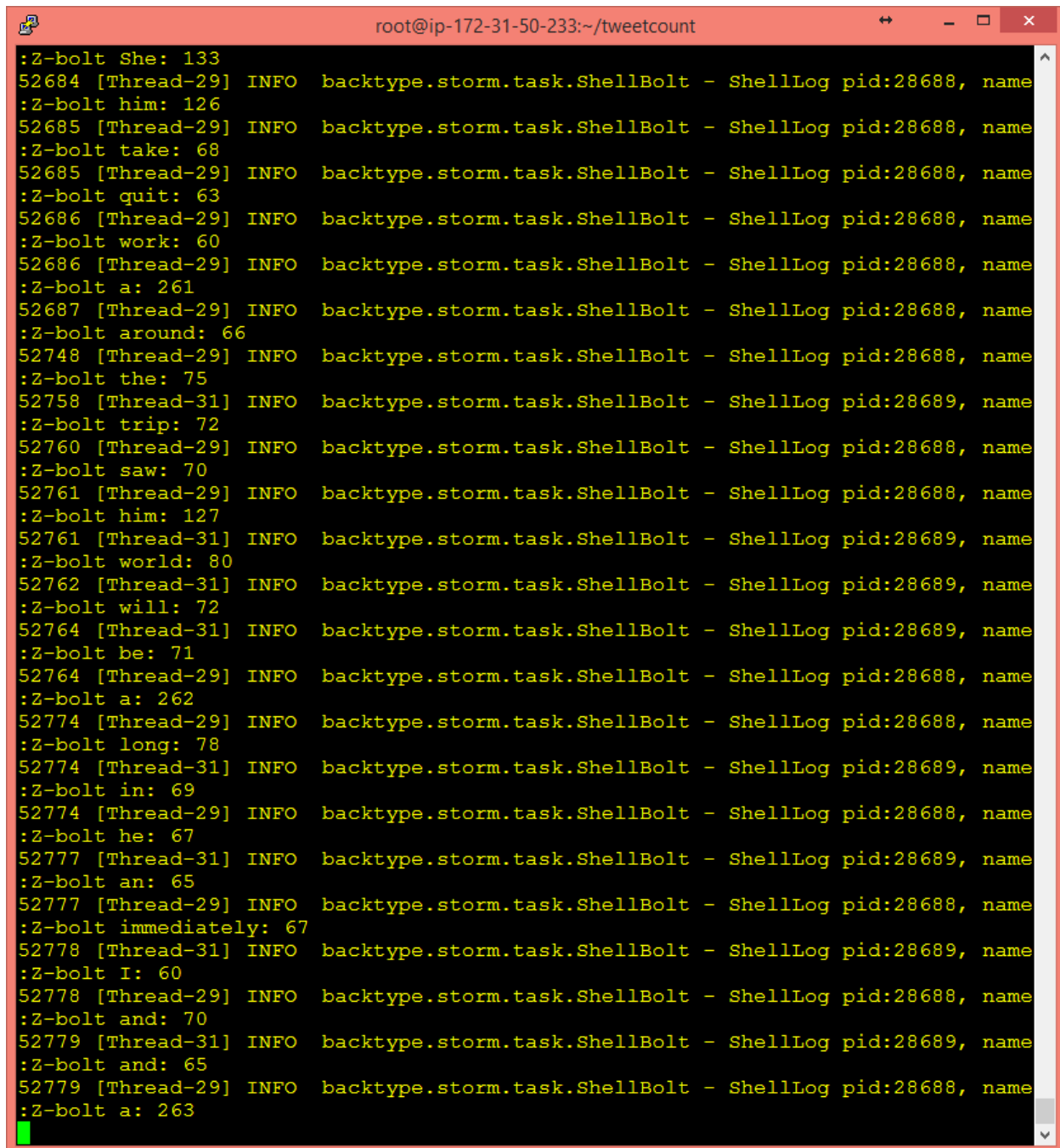
Alan Wang

1. The Sparse Topology File:

```
(ns tweetcount
  (:use     [streamparse.specs])
  (:gen-class))

(defn tweetcount [options]
  [
   ;; spout configuration
   {"X-spout" (python-spout-spec
        options
        "spouts.sentences.Sentences"
        ["sentence"]
        )
   }
   ;; bolt configuration 1
   {"Y-bolt" (python-bolt-spec
        options
        {"X-spout" :shuffle}
        "bolts.parsetweet.ParseTweet"
        ["word"]
        :p 2
        )
   ; bolt configuration 2
   "Z-bolt" (python-bolt-spec
        options
        {"Y-bolt" :shuffle}
        "bolts.tweetcounter.TweetCounter"
        ["word" "count"]
        :p 2
        )
   }
  ]
)
```

(Please see next page for the screenshots).

2. The screenshots:

```
root@ip-172-31-50-233:~/tweetcount
:Z-bolt She: 133
52684 [Thread-29] INFO  backtype.storm.task.ShellBolt - ShellLog pid:28688, name
:Z-bolt him: 126
52685 [Thread-29] INFO  backtype.storm.task.ShellBolt - ShellLog pid:28688, name
:Z-bolt take: 68
52685 [Thread-29] INFO  backtype.storm.task.ShellBolt - ShellLog pid:28688, name
:Z-bolt quit: 63
52686 [Thread-29] INFO  backtype.storm.task.ShellBolt - ShellLog pid:28688, name
:Z-bolt work: 60
52686 [Thread-29] INFO  backtype.storm.task.ShellBolt - ShellLog pid:28688, name
:Z-bolt a: 261
52687 [Thread-29] INFO  backtype.storm.task.ShellBolt - ShellLog pid:28688, name
:Z-bolt around: 66
52748 [Thread-29] INFO  backtype.storm.task.ShellBolt - ShellLog pid:28688, name
:Z-bolt the: 75
52758 [Thread-31] INFO  backtype.storm.task.ShellBolt - ShellLog pid:28689, name
:Z-bolt trip: 72
52760 [Thread-29] INFO  backtype.storm.task.ShellBolt - ShellLog pid:28688, name
:Z-bolt saw: 70
52761 [Thread-29] INFO  backtype.storm.task.ShellBolt - ShellLog pid:28688, name
:Z-bolt him: 127
52761 [Thread-31] INFO  backtype.storm.task.ShellBolt - ShellLog pid:28689, name
:Z-bolt world: 80
52762 [Thread-31] INFO  backtype.storm.task.ShellBolt - ShellLog pid:28689, name
:Z-bolt will: 72
52764 [Thread-31] INFO  backtype.storm.task.ShellBolt - ShellLog pid:28689, name
:Z-bolt be: 71
52764 [Thread-29] INFO  backtype.storm.task.ShellBolt - ShellLog pid:28688, name
:Z-bolt a: 262
52774 [Thread-29] INFO  backtype.storm.task.ShellBolt - ShellLog pid:28688, name
:Z-bolt long: 78
52774 [Thread-31] INFO  backtype.storm.task.ShellBolt - ShellLog pid:28689, name
:Z-bolt in: 69
52774 [Thread-29] INFO  backtype.storm.task.ShellBolt - ShellLog pid:28688, name
:Z-bolt he: 67
52777 [Thread-31] INFO  backtype.storm.task.ShellBolt - ShellLog pid:28689, name
:Z-bolt an: 65
52777 [Thread-29] INFO  backtype.storm.task.ShellBolt - ShellLog pid:28688, name
:Z-bolt immediately: 67
52778 [Thread-31] INFO  backtype.storm.task.ShellBolt - ShellLog pid:28689, name
:Z-bolt I: 60
52778 [Thread-29] INFO  backtype.storm.task.ShellBolt - ShellLog pid:28688, name
:Z-bolt and: 70
52779 [Thread-31] INFO  backtype.storm.task.ShellBolt - ShellLog pid:28689, name
:Z-bolt and: 65
52779 [Thread-29] INFO  backtype.storm.task.ShellBolt - ShellLog pid:28688, name
:Z-bolt a: 263
```

```
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