

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

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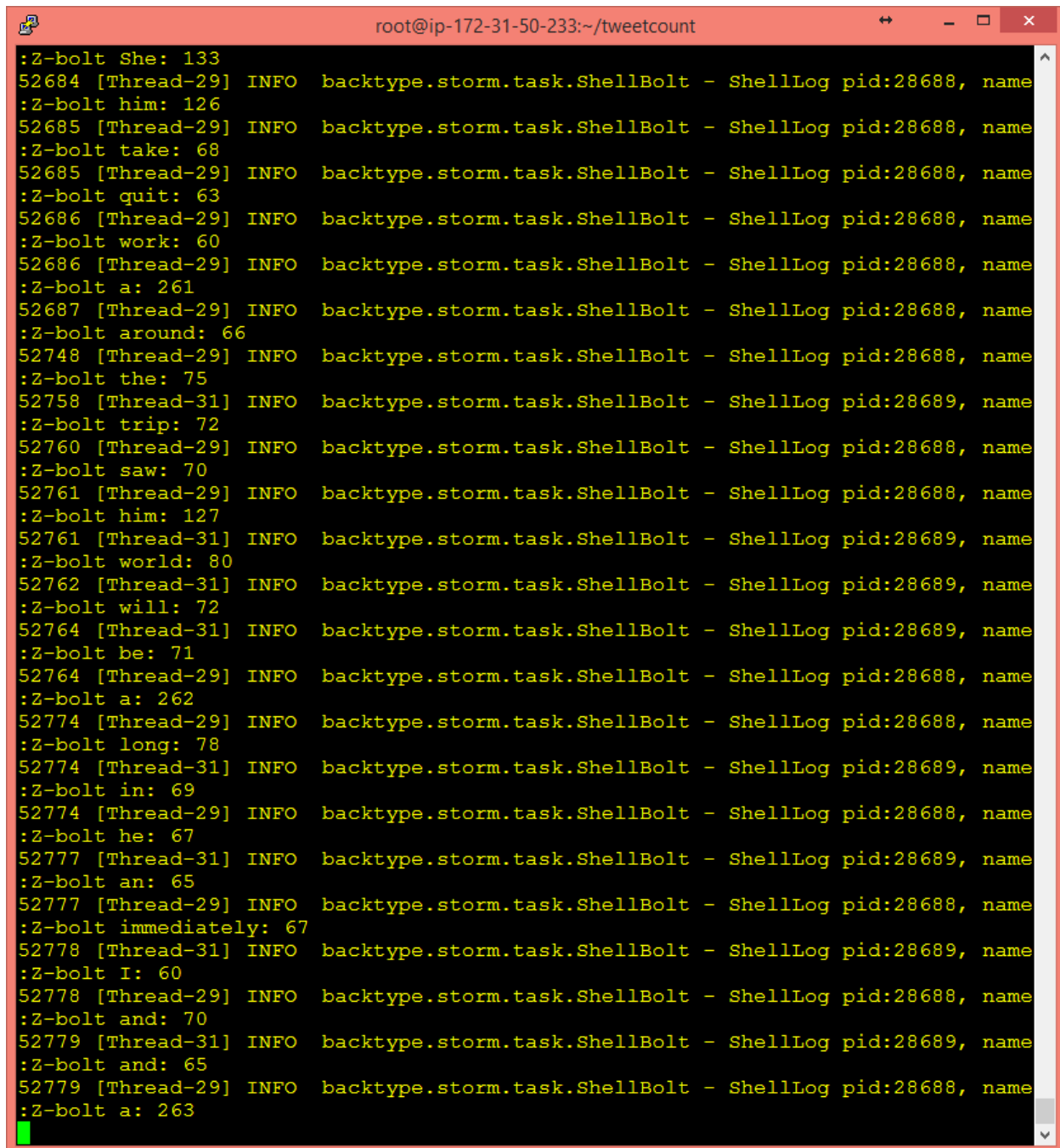
1. The Sparse Topology File:

```
(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
    )
  ]
  1
)
```

(Please see next page for the screenshots).

2. The screenshots:



The screenshot shows a terminal window with a title bar that reads "root@ip-172-31-50-233:~/tweetcount". The terminal output consists of a series of log messages. Each message starts with a timestamp and a thread ID in brackets, followed by the word "INFO", the class name "backtype.storm.task.ShellBolt", and a hyphen followed by "ShellLog pid:28688, name". The log messages are as follows:

```
: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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