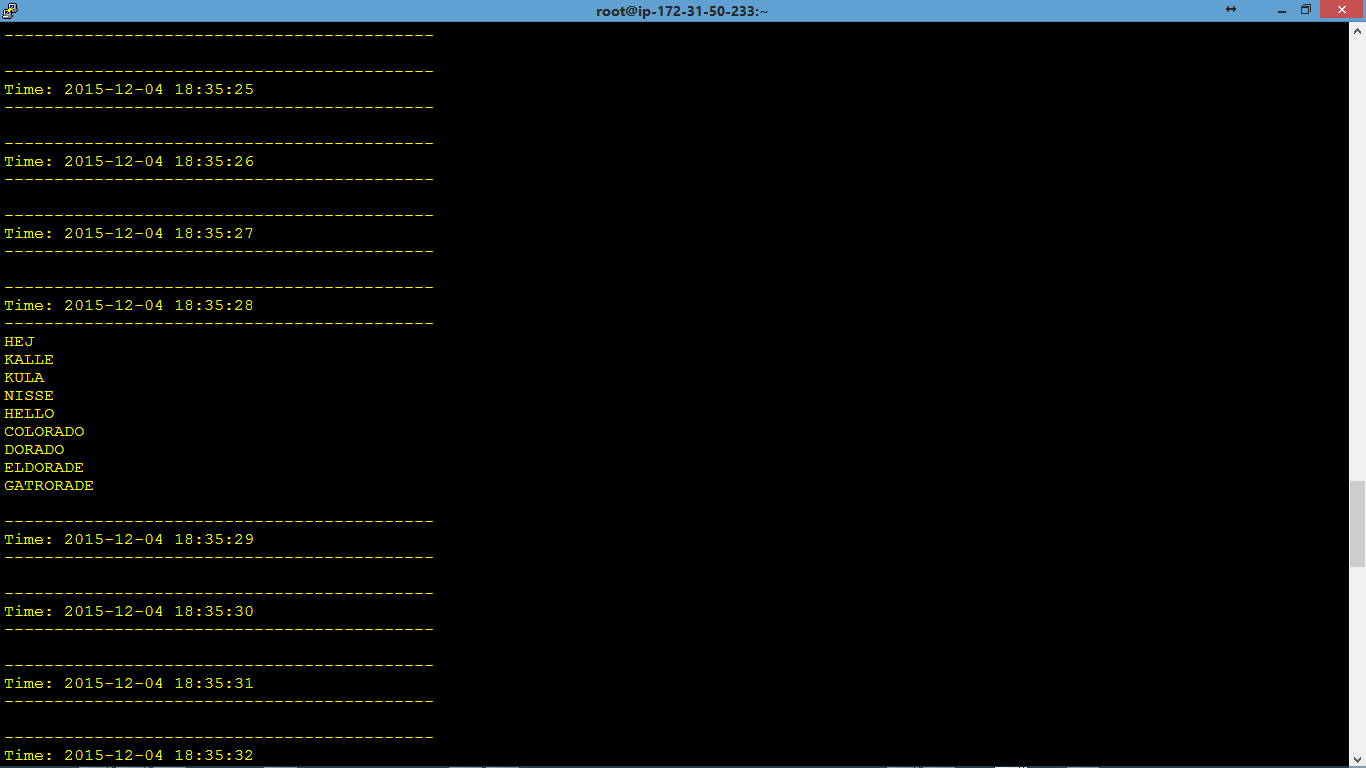
MIDS W205 Lab # 12 Lab Title Spark Streaming Introduction Related Module(s) 9 Goal Spark Streaming, filtering, counting, sliding window. Last Updated 11/27/15 Expected duration 60-90 minutes

SUBMISSION 1: Provide a screenshot of the output from the Spark Streaming process



SUBMISSION 2: Change the code so that you save the venue components to a text file. Submit you code.

Submit you code.

SUBMISSION 3: Provide a screenshot showing the running Spark Streaming application.

SUBMISSION 4a: Provide a screenshot of the running Spark Streaming application that shows that the CountByWindow indeed provides an sum of the counts from the 3 latest batches. See example screenshot below.

SUBMISSION 4b: Also explain what the difference is between having 10 sec batches with a 30 sec sliding window and a 30 second batch length.