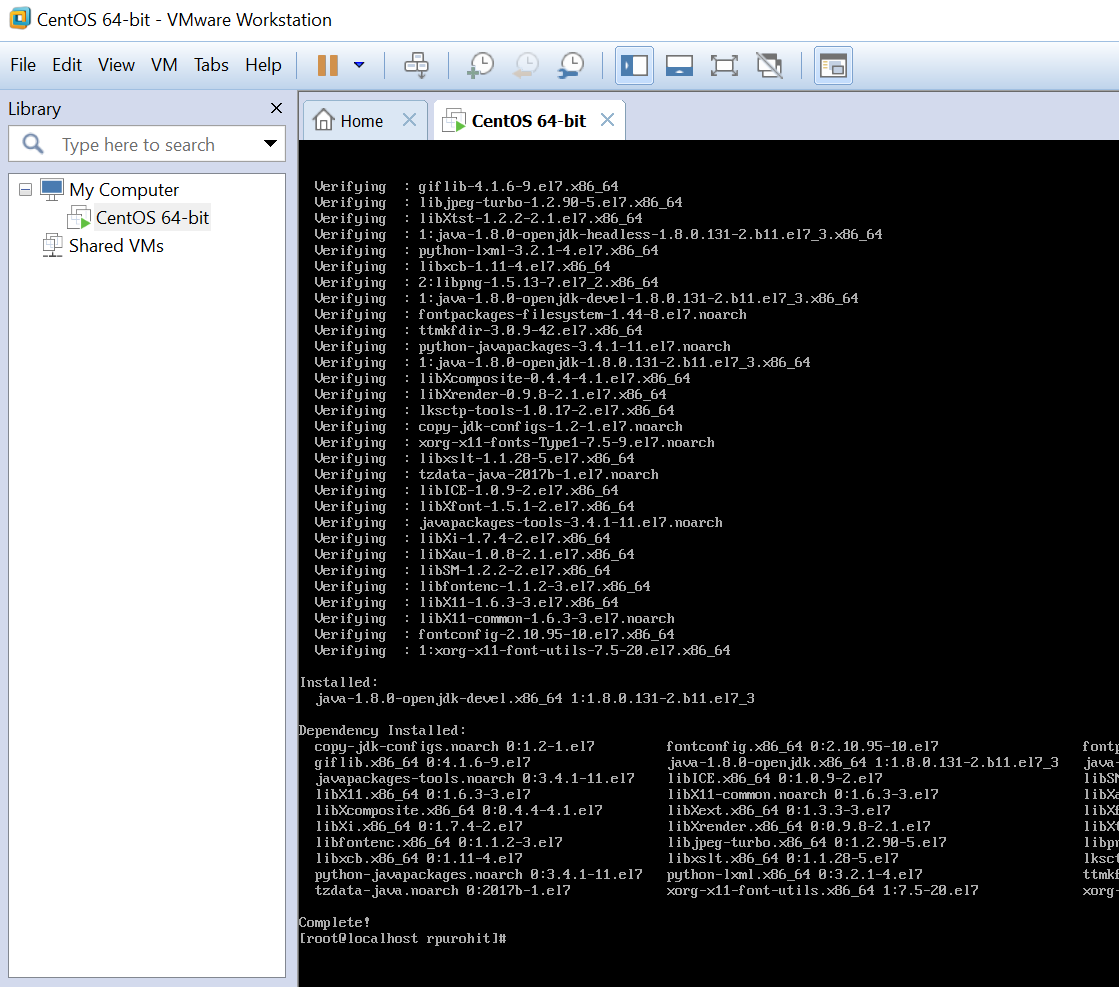
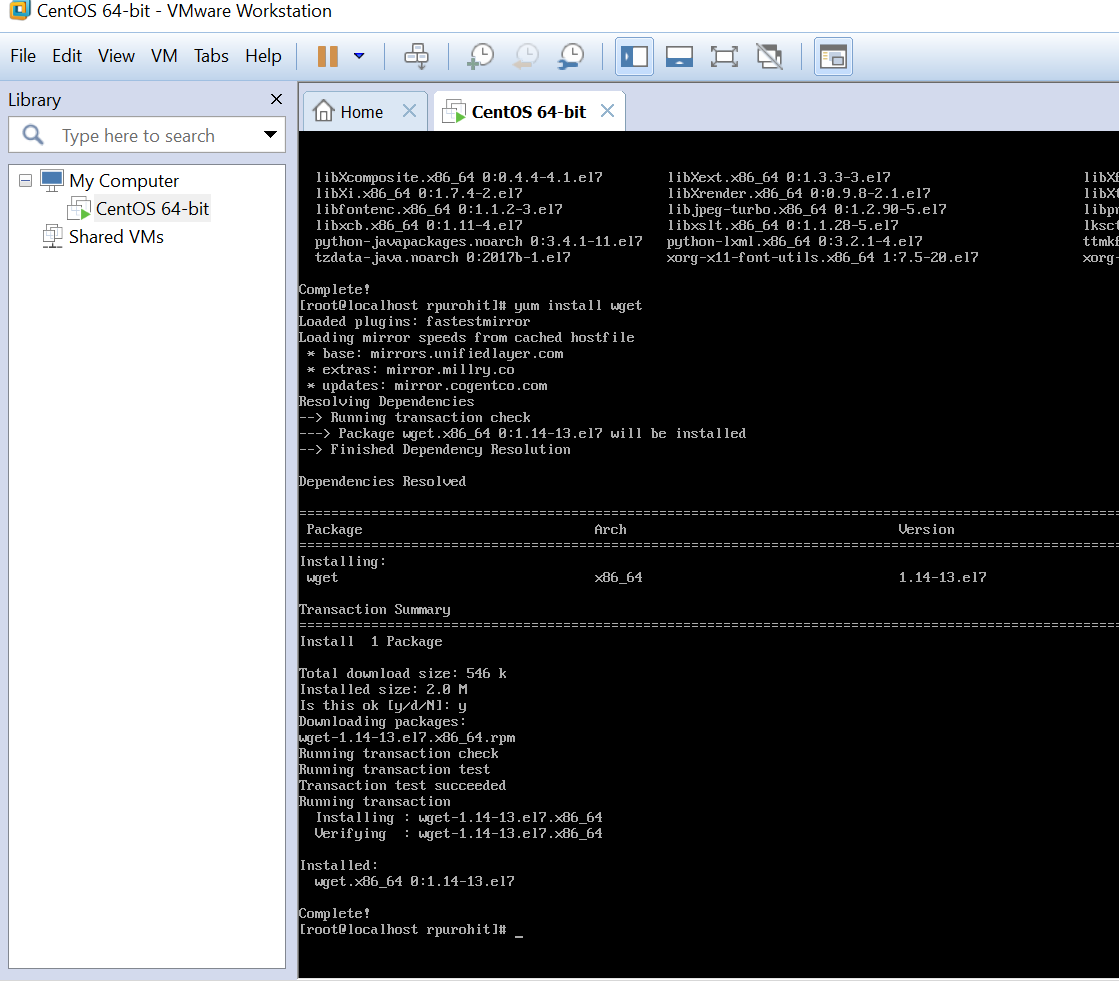
**Data Engineering Lab 1**

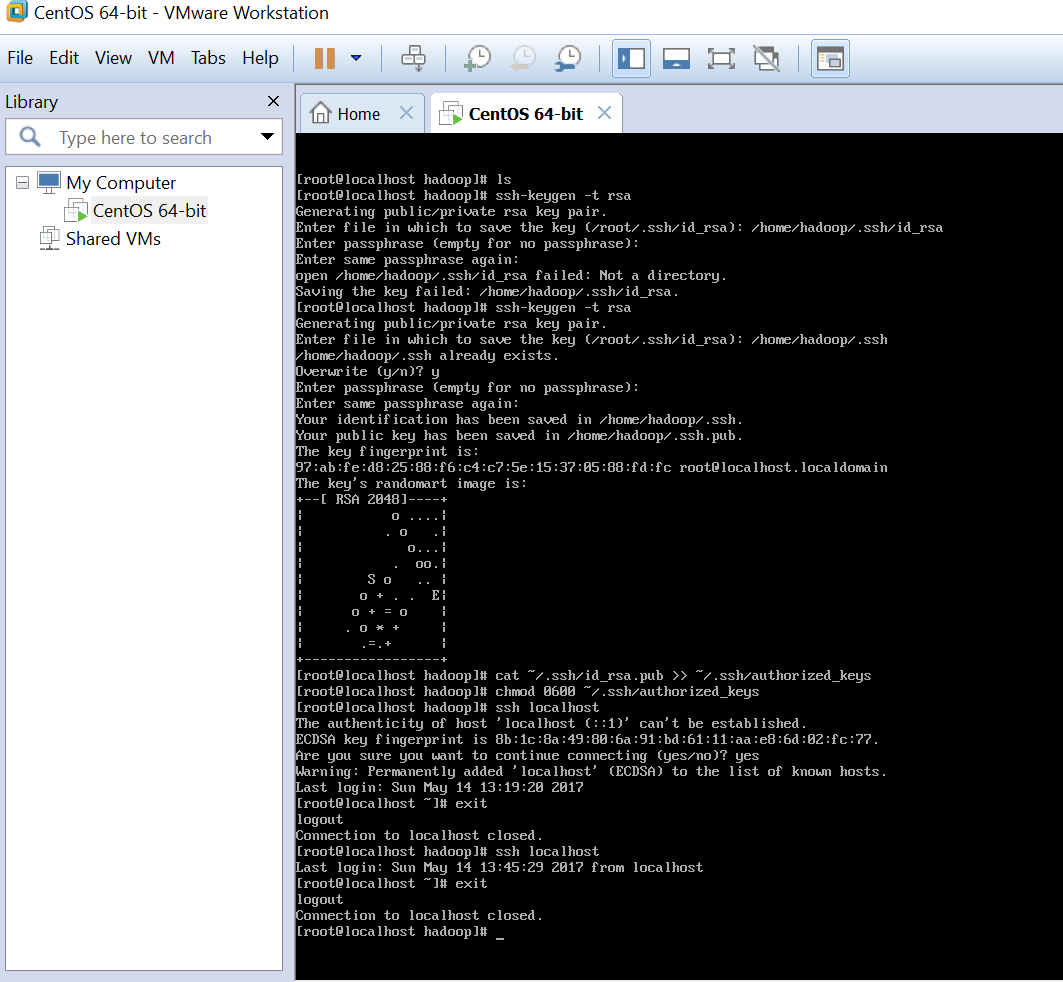
**Succesfully Installed Java on my Cent0S7**



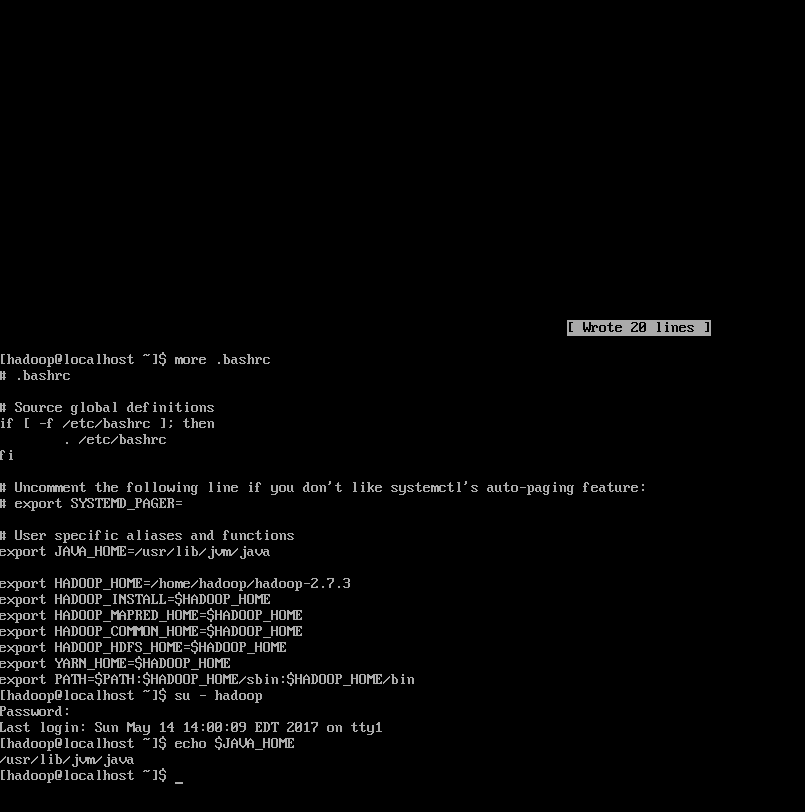
**Succesfully installed wget**



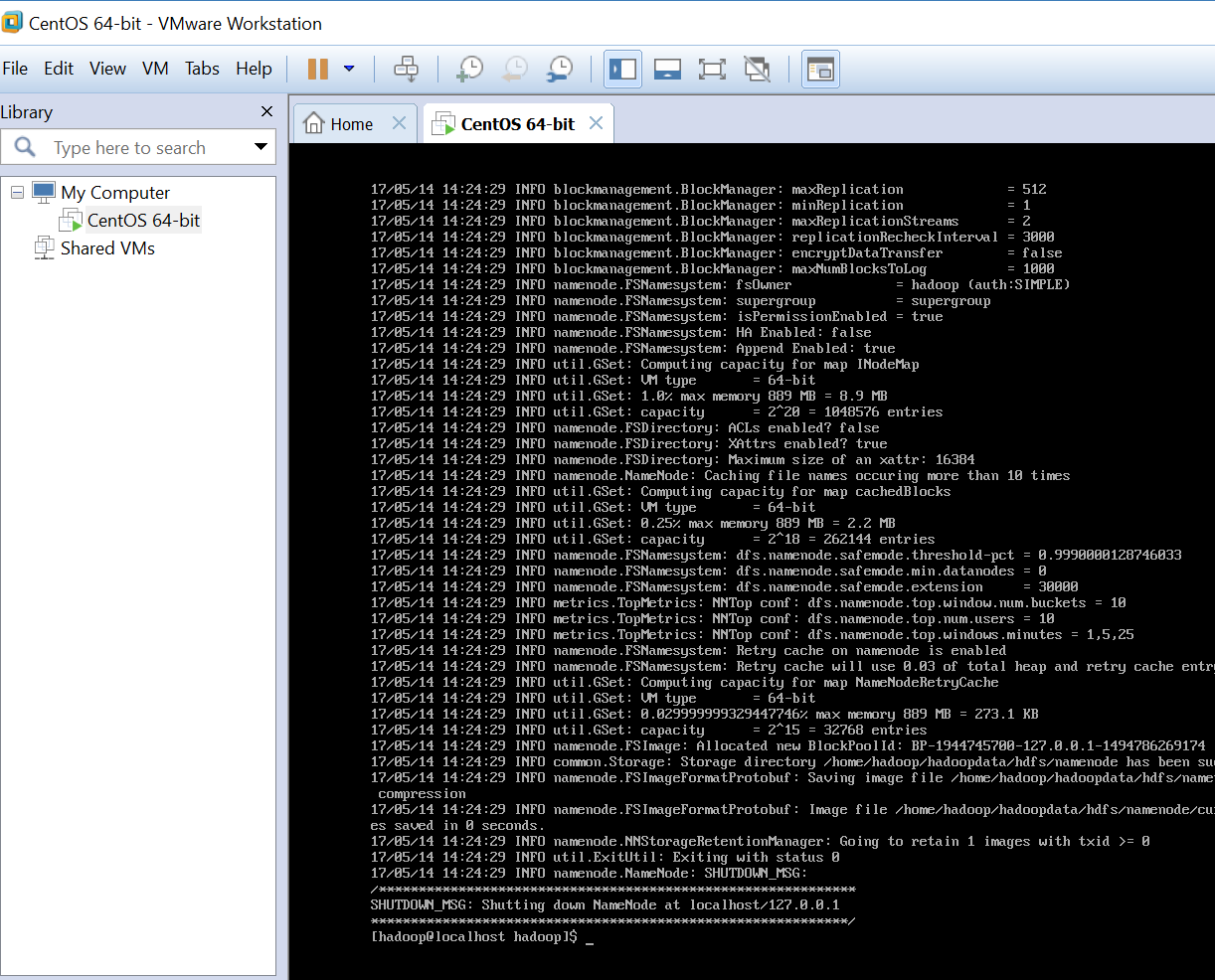
**Succesfully created localhost ssh user**



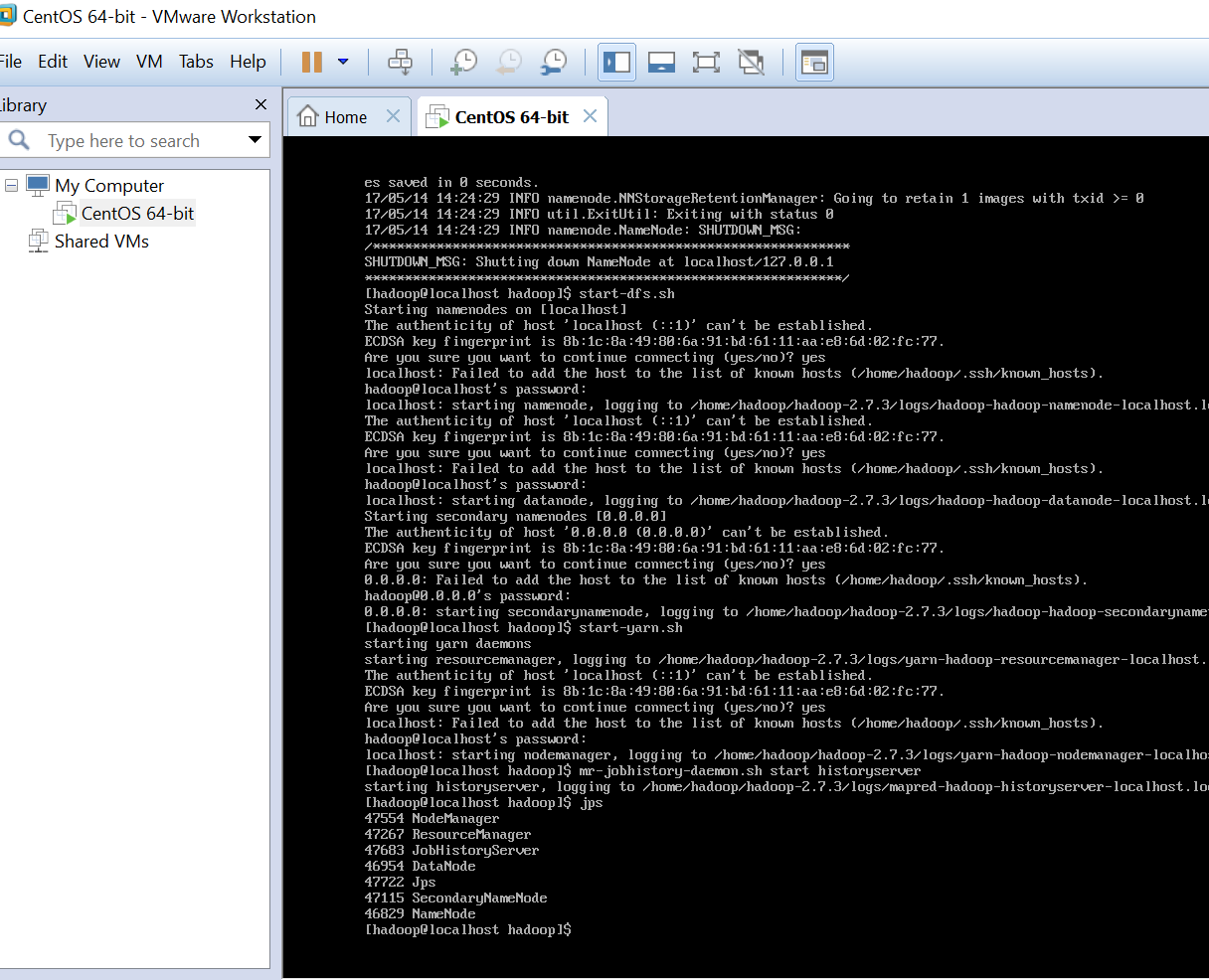
**Successfully configured Local Environment Variables for Hadoop**



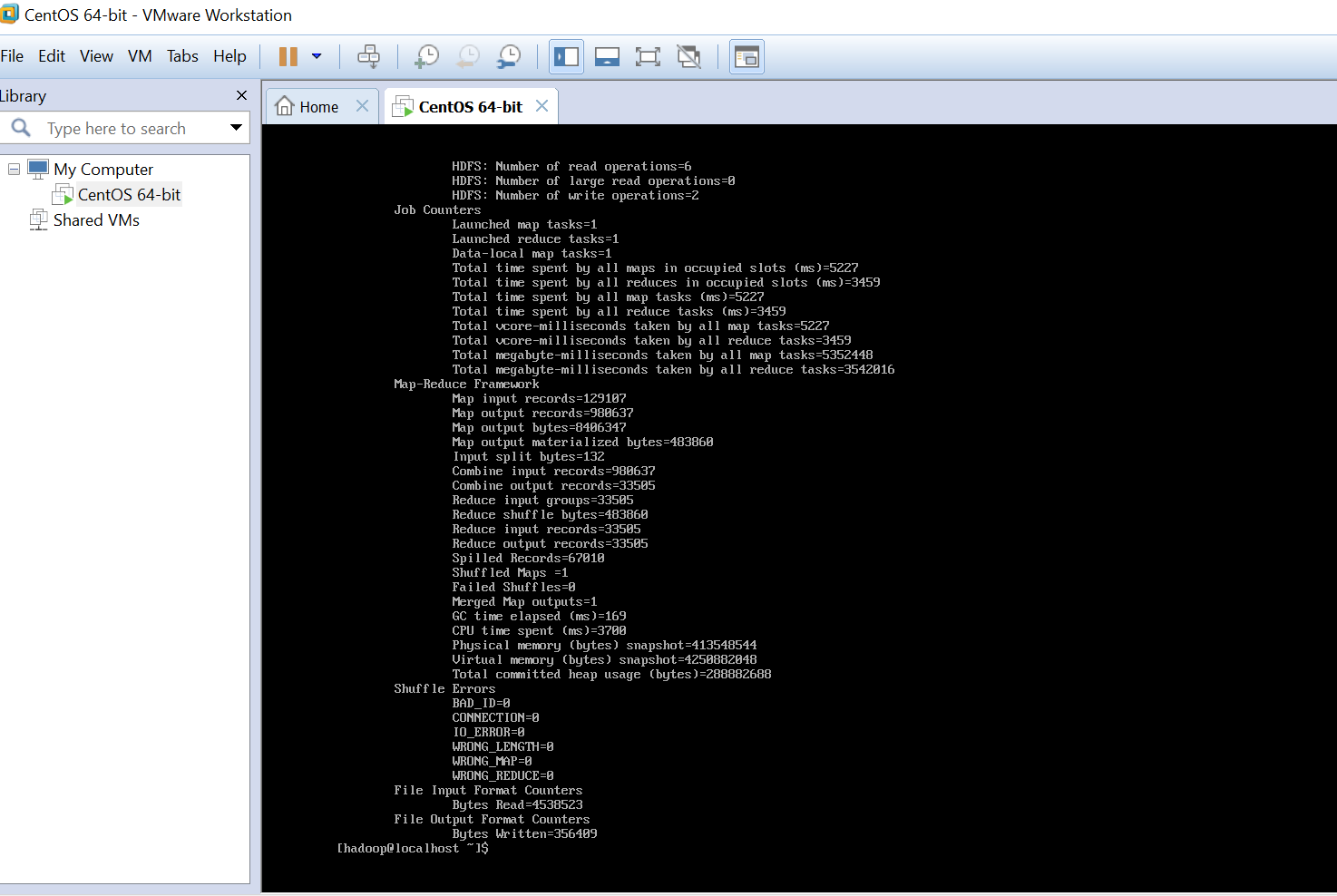
**Succesfully did a Hadoop NameNode Format**

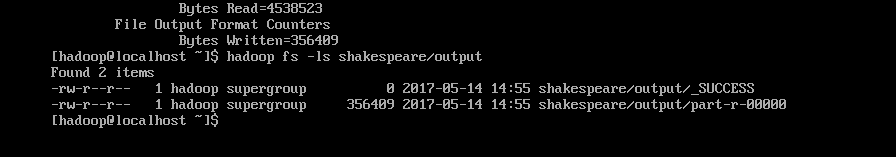


**Succesfully started all Java Processes for Hadoop**

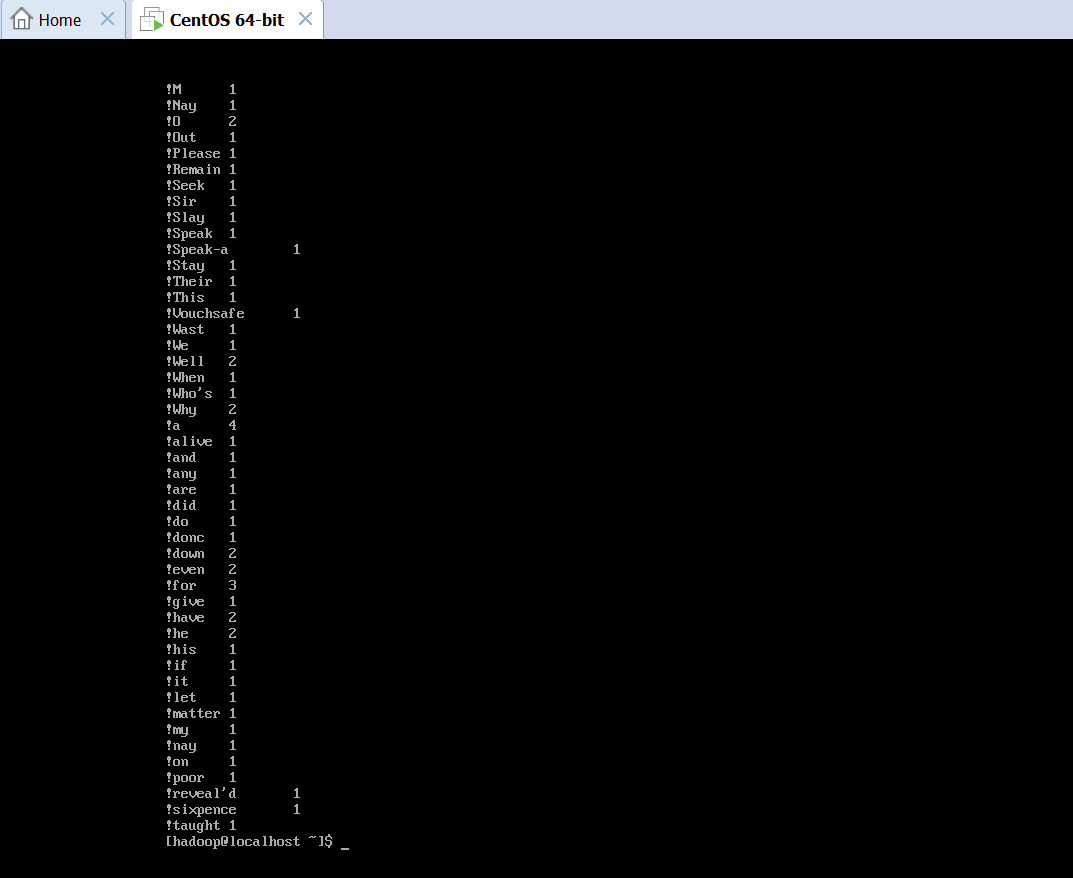


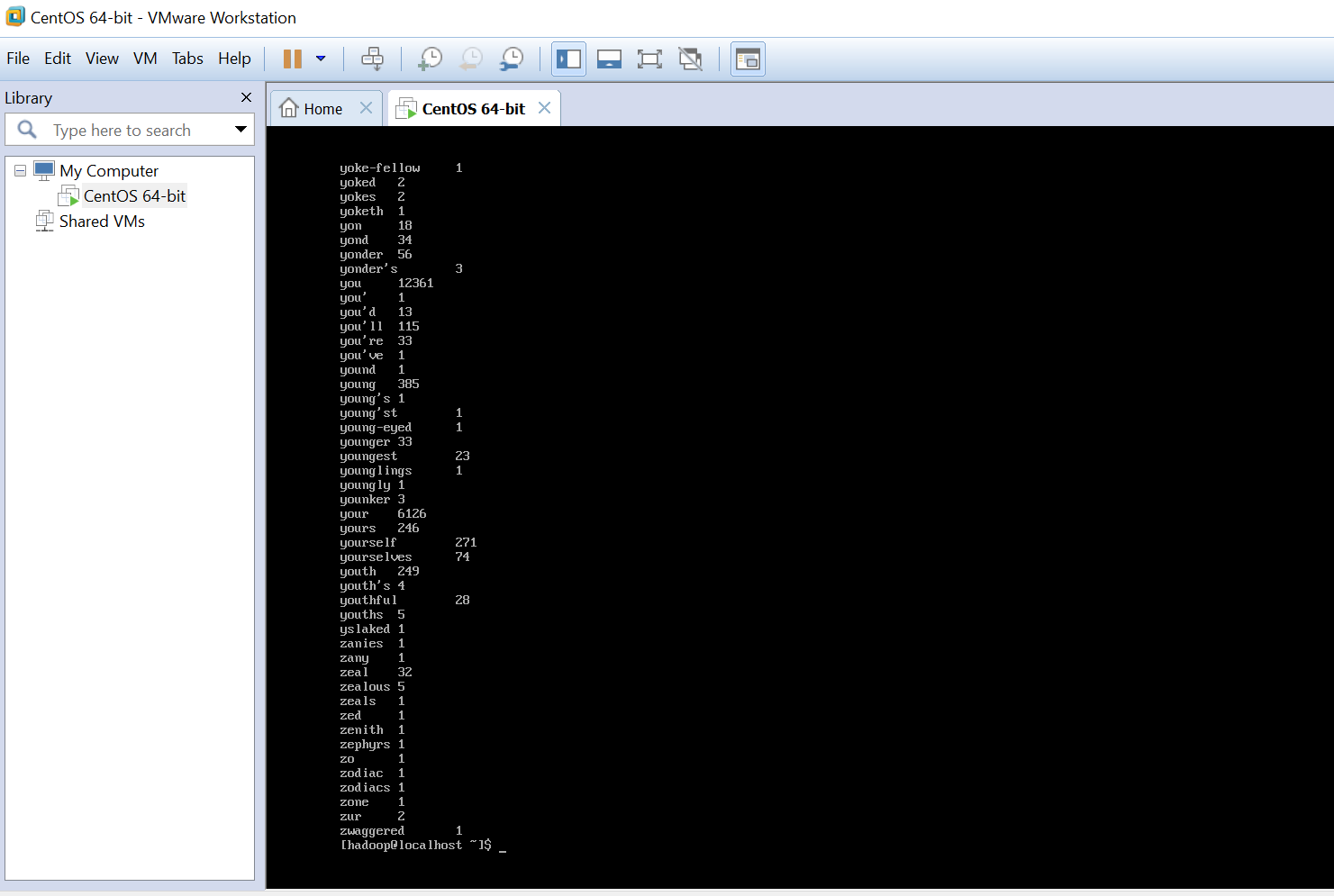
**Succesfully Ran Mapreduce Job**



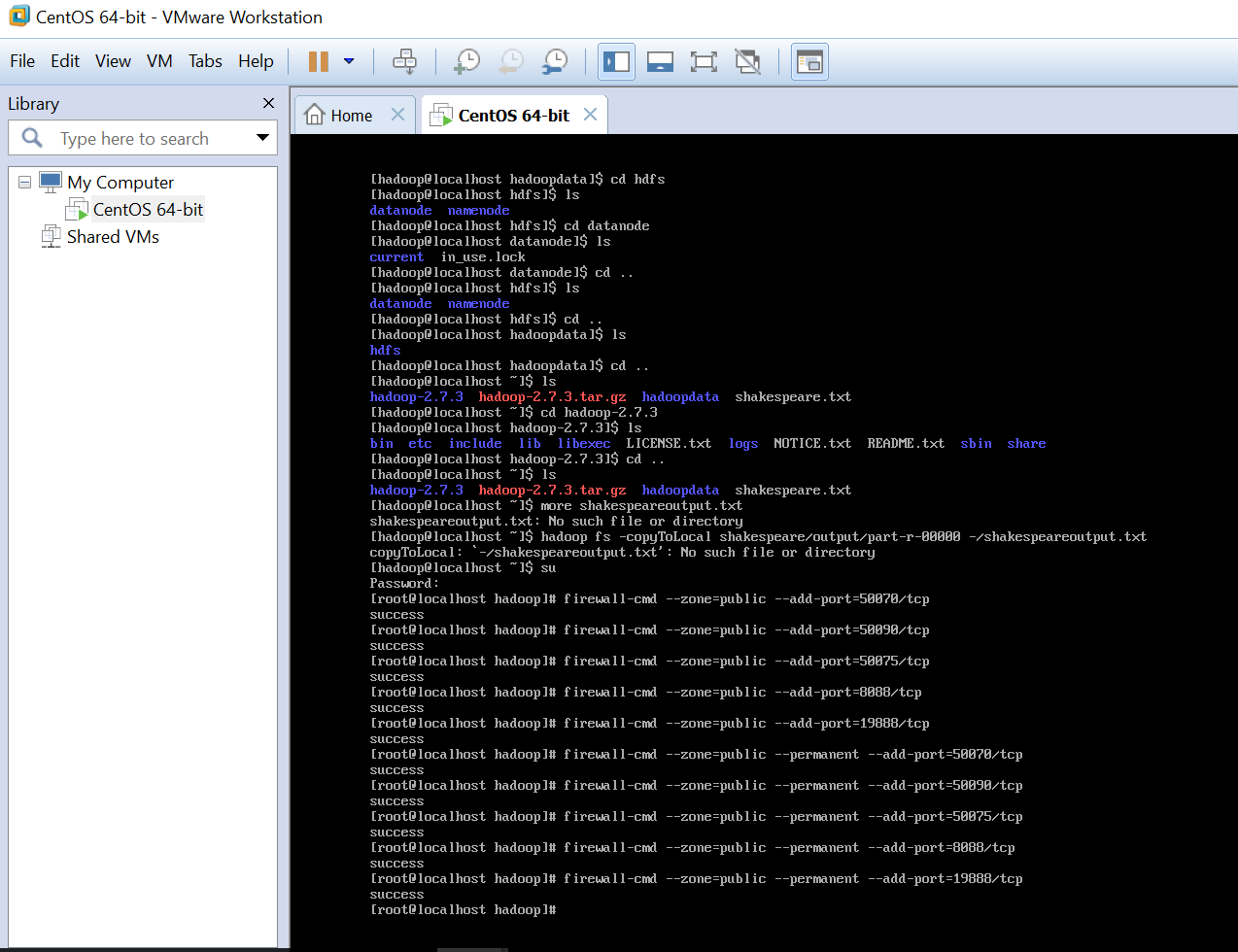


**Contents of the Map Reduce Wordcount Results File**





**Succesfully Opened Console Ports**



**My Web Consoles**

