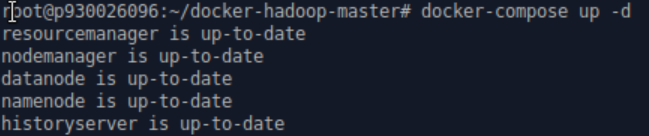
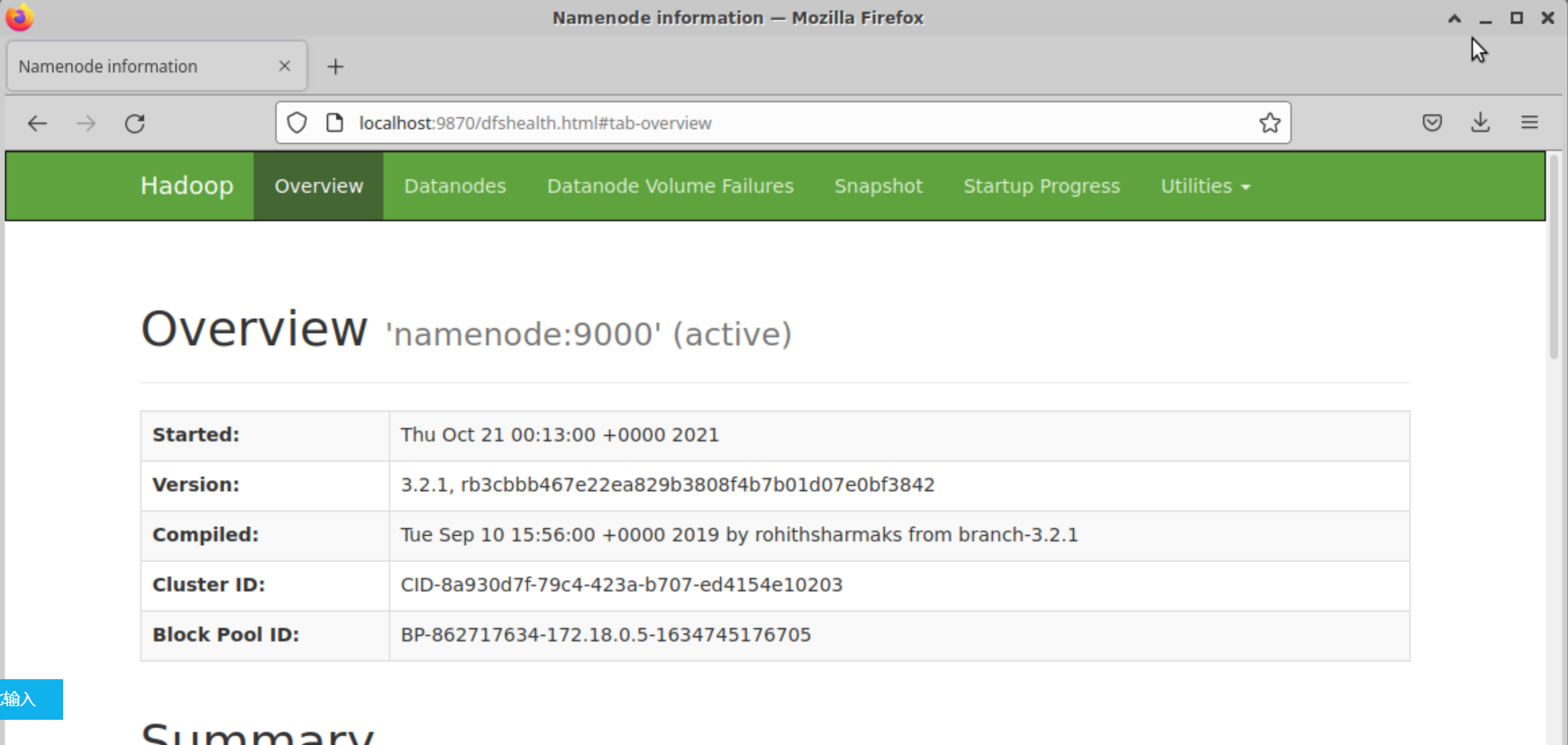
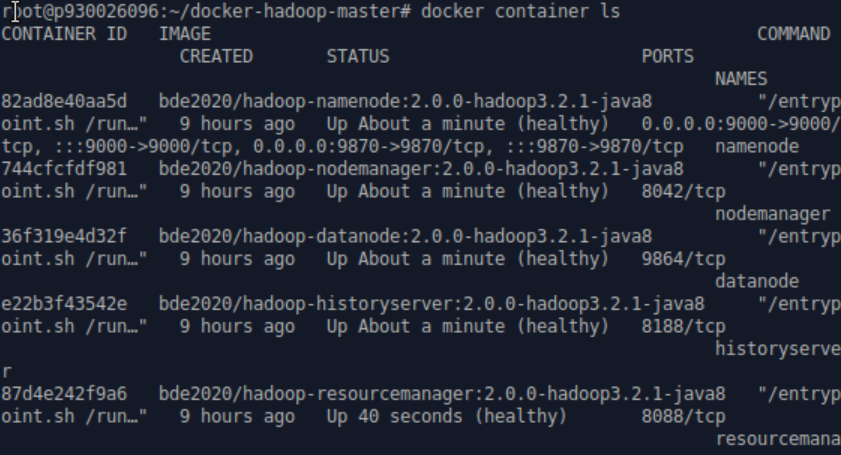
**Intermediate**

****

**Start the docker container. Here the docker is ready.**

****

**Namenode is running by checking the port 9870.**

****

**Find out the ID of my own namenode.**

****

**Copy the downloaded .txt file from books to the docker Hadoop cluster.**

****

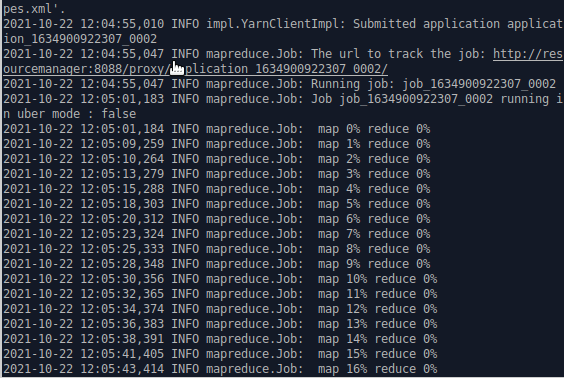
**Execute the namenode bash.**

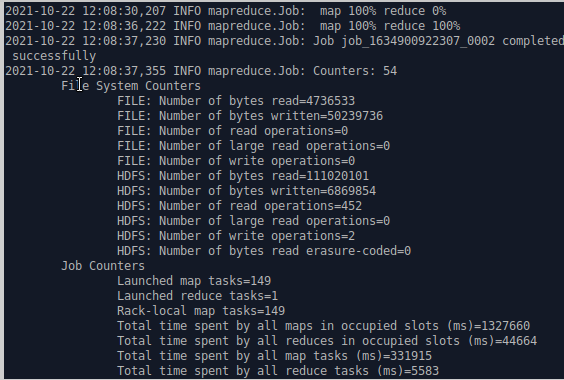
****

**Put all the .txt file under the directory, inpyt-royma. Here you can check whether all the .txt files had been copied to the right path by checking the file information on the port 9870.**

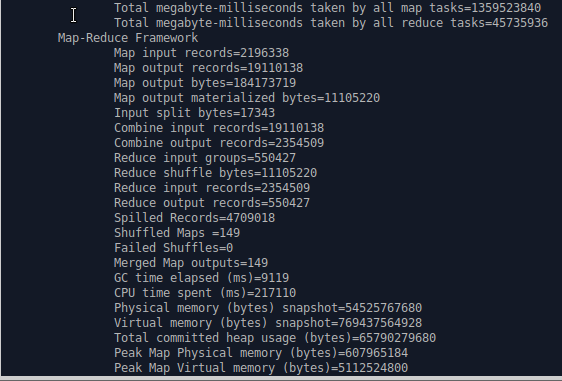
****

**Run the WordCount.java file to do the map reduce.**

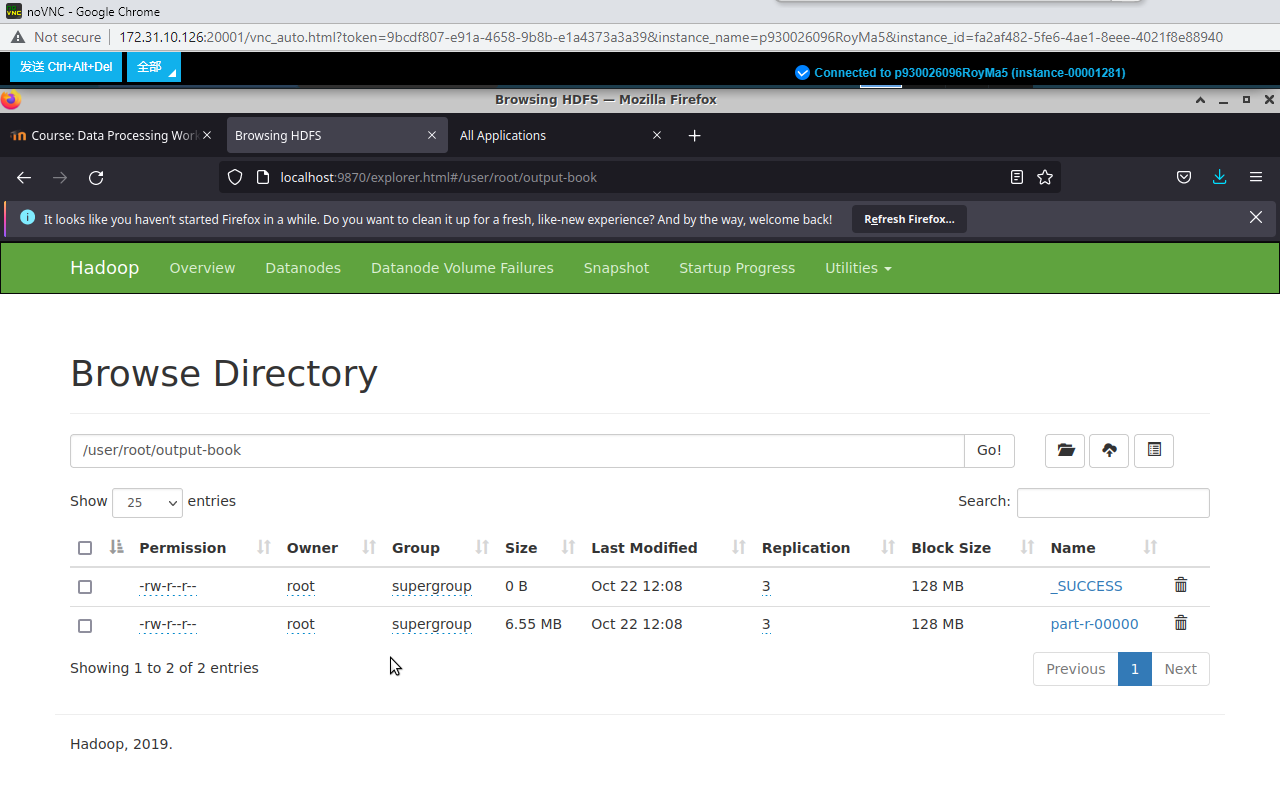
****

****

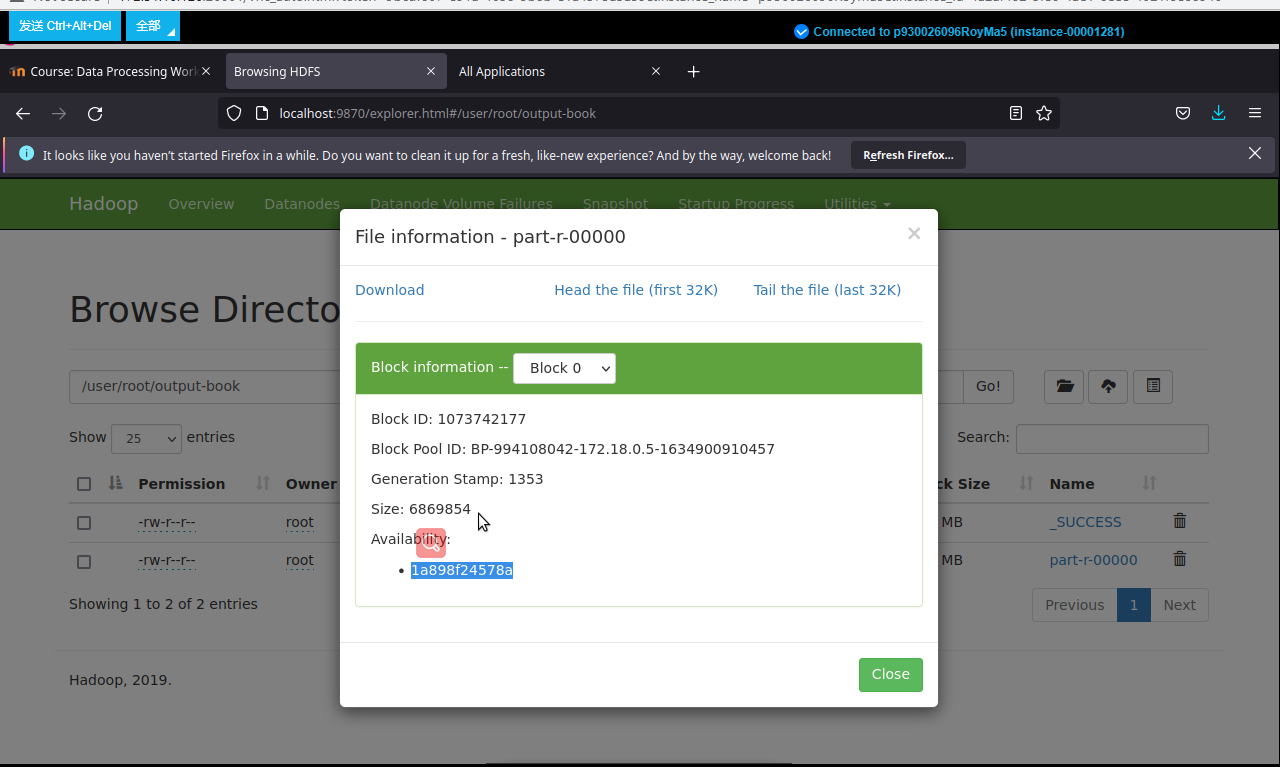
**It takes about 3-5 minutes, since the data is huge. The message continuously shows the progress of map reduce.**

****

**Finish map reduce.**

****

**By checking port 9870, output files are under output-book directory.**

****

**Also download to your host computer.**

**Finally, use the “exit” and “docker-compose down” commands to leave the container and shut down the cluster safely as the last two steps in basic.**