Trần Trọng Nhân  
1050080148  
10ĐH\_CNTT4

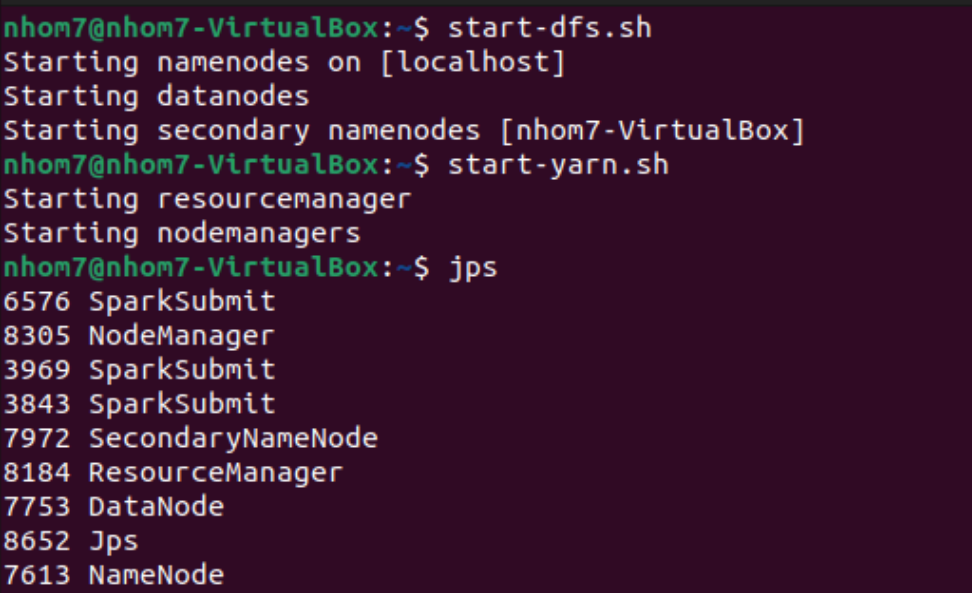
**Word Count**

**Khởi chạy Hadoop**

start-dfs.sh

start-yarn.sh

jps



**Tạo file demo WordCount**

A screenshot of a computer

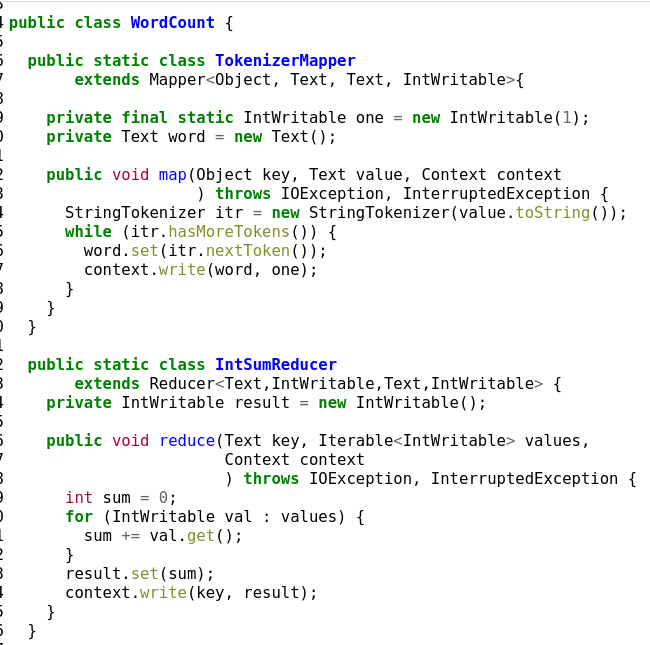
Description automatically generated

**Tải code java hỗ trợ WordCount**

<https://www.dropbox.com/s/yp9i7nwmgzr3nkx/WordCount.java?dl=0>

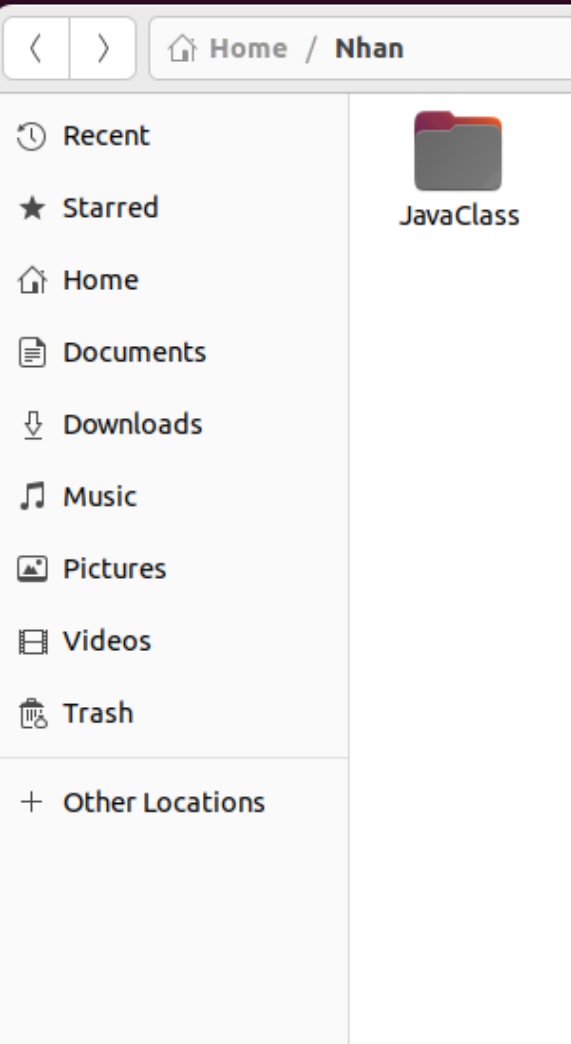
A screen shot of a computer code

Description automatically generated



**Tạo folder chứa code java class**

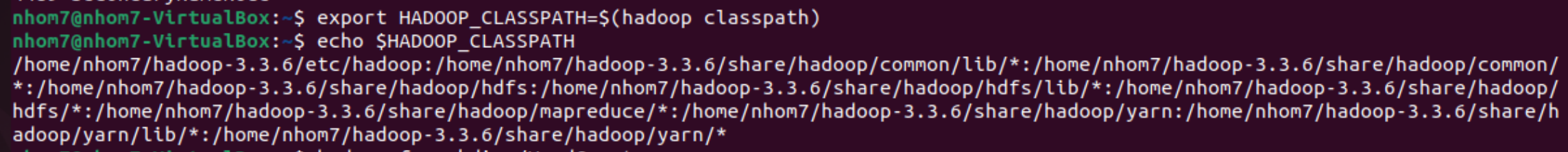
mkdir JavaClass



**Cài biến môi trường**

export HADOOP\_CLASSPATH=$(hadoop classpath)

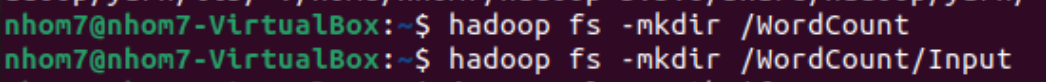
echo $HADOOP\_CLASSPATH



**Tạo folder HDFS**

hadoop fs –mkdir /WordCount

hadoop fs –mkdir /WordCount/Input



**Truyền file demo từ máy lên Hadoop**

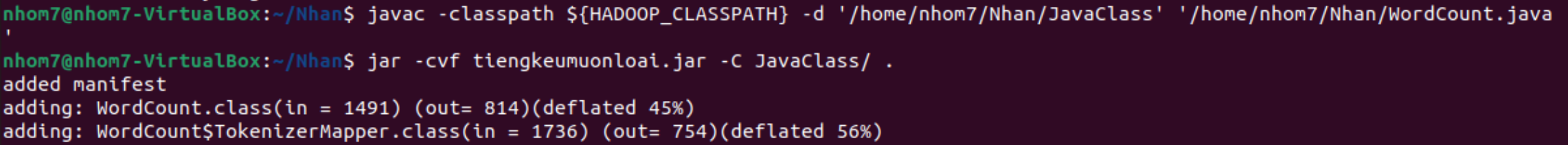
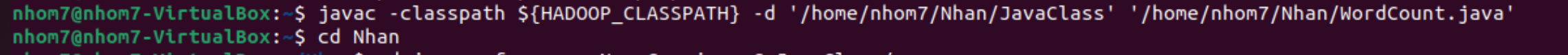
Hadoop fs –put ‘/home/nhom7/Documents/HocNgoaiNgu.txt’ /WordCount/InputA screenshot of a computer

Description automatically generated

**Biên soạn lệnh java và đặt file output vào file jar**

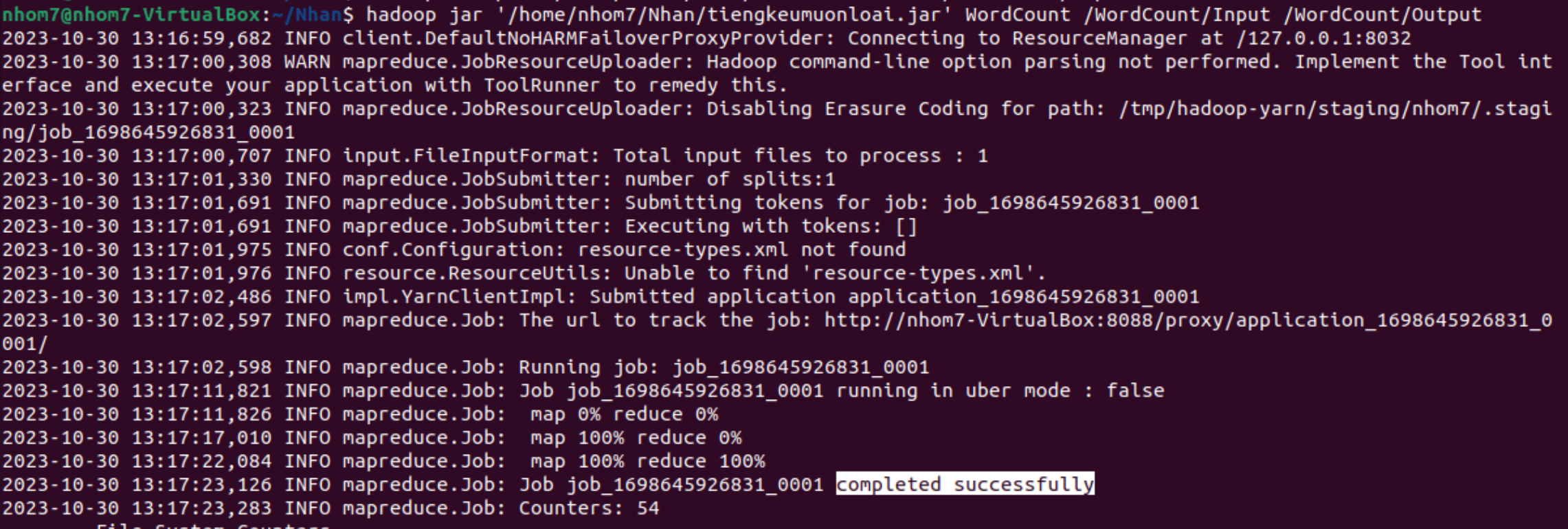
javac –classpath ${HADOOP\_CLASSPATH} –d ‘/home/nhom7/Documents/JavaClass’ ‘/home/nhom7/Documents/WordCount.java’

jar –cvf tiengkeumuonloai.jar –C JavaClass/ .



**Tiến hành WordCount file jar trên Hadoop**

Hadoop jar ‘/home/nhom7/Documents/tiengkeumuonloai.jar’ WordCount /WordCount/Input /WordCount/Output



Vào file code java, copy lớp WordCount vào câu lệnh

A screenshot of a computer program

Description automatically generated

Hadoop jar ‘/home/nhom7/Documents/tiengkeumuonloai.jar’ WordCount /WordCount/Input /WordCount/Output

**Kết quả**

