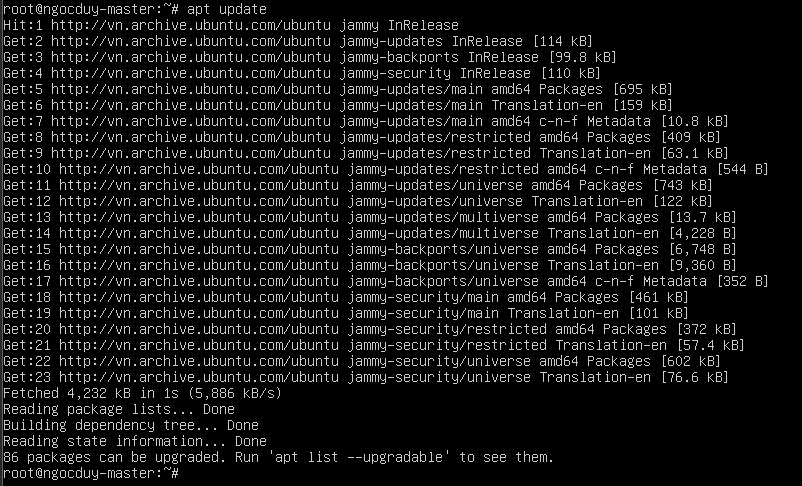
**Họ tên:** Nguyễn Phạm Ngọc Duy

**MSSV:** 20133031

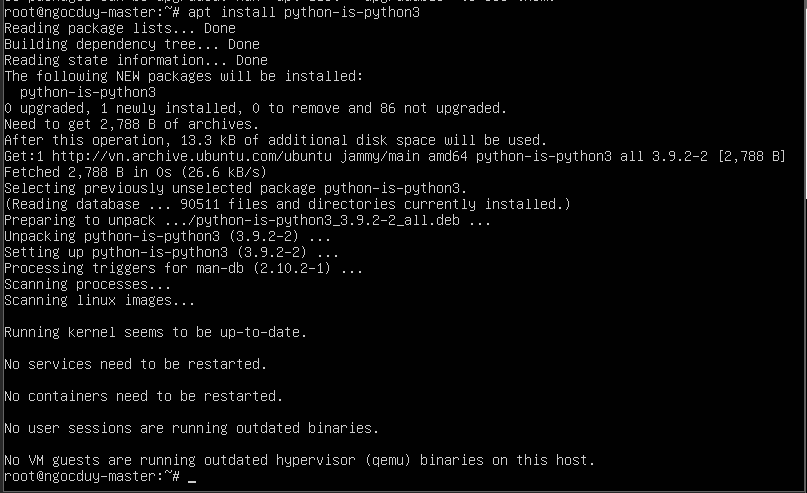
**HADOOP STREAMING**

1. **Install Python**

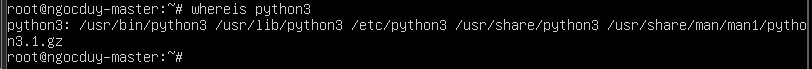
# apt update



# apt install python-is-python3

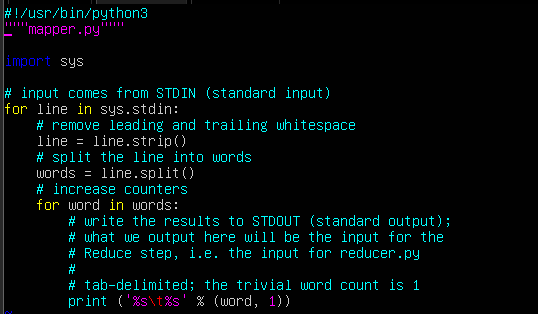


# whereis python3



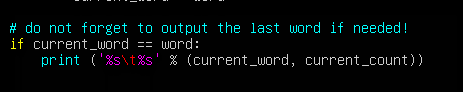
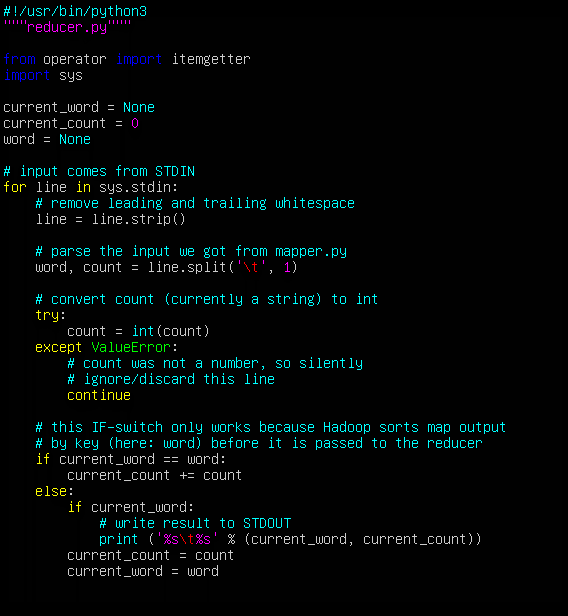
1. **Example Using Python**
   1. **Mapper Phase Code**

File mapper.py, chmod -R 777 mapper.py



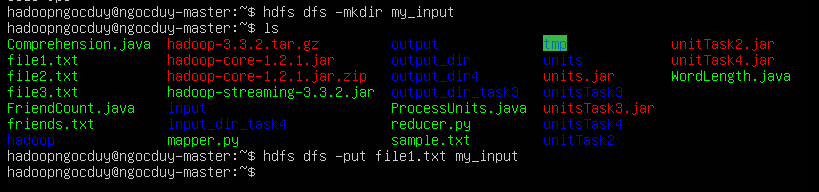
* 1. **Reducer Phase Code**

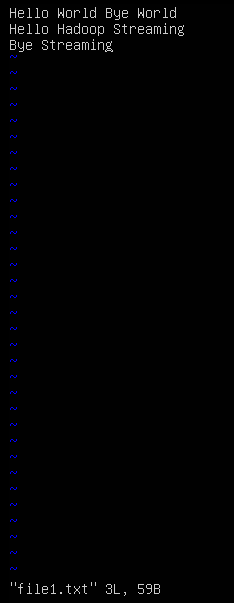
File reducer.py, chmod +x reducer.py



1. **Execution of WordCount Program**

* Tạo folder my\_input và đặt file1.txt vào folder

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$ hadoop jar hadoop-streaming-3.3.2.jar -input my\_input -output my\_output\_5 -file /home/hadoopngocduy/mapper.py -mapper ~/mapper.py -file home/hadoopngocduy/reducer.py -reducer ~/reducer.py

