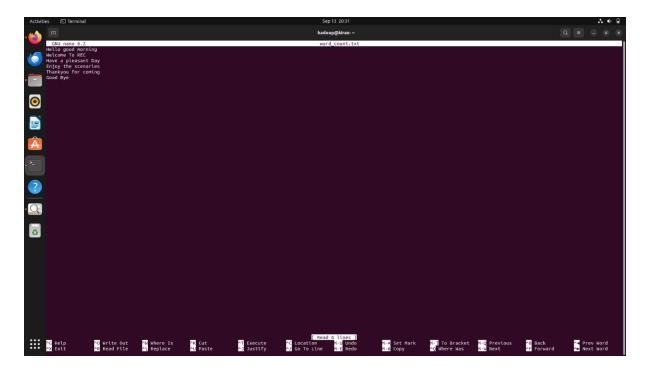
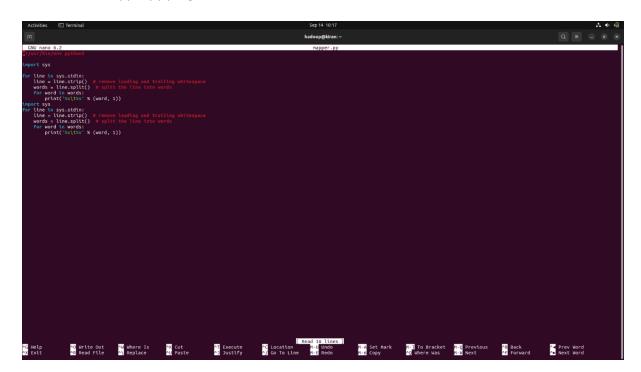
Exp. No: 2

Word Count Map Reduce program

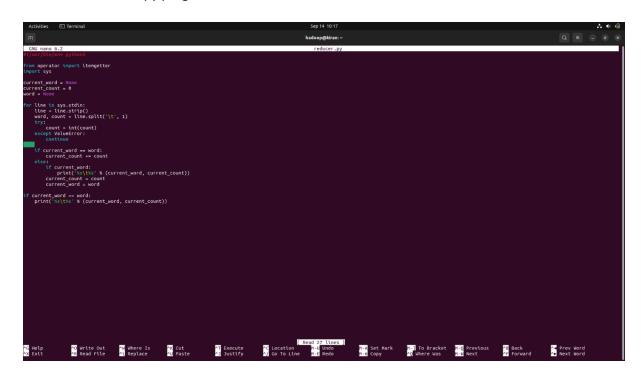
1. Create word_count.txt file



2. Create mapper.py program



3. Create reducer.py program.

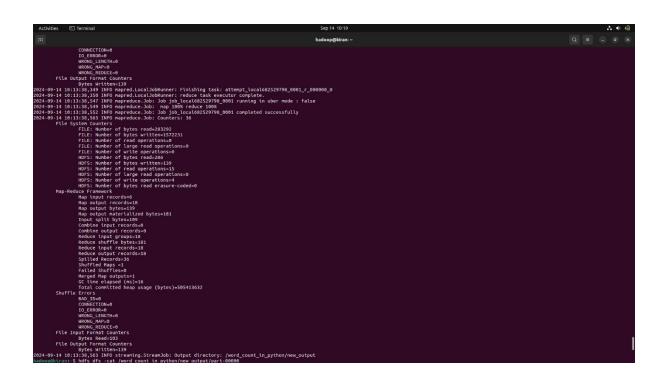


4. Storing the word_count.txt in HDFS Storage.

```
hadoop@kiran:~$ nano word_count.txt
hadoop@kiran:~$ hdfs dfs -cat /word_count_in_python/new_output/part-00000
Вуе
Day
Enjoy
Good
Have
Hello
REC
Thankyou
                    1
Welcome 1
a
coming
for
good
morning 1
pleasant
scenaries
the 1
                    1
```

5. Running the Word Count program using Hadoop Streaming.

```
Activities | historial | Septimized | Septim
```



Output:

```
hadoop@kiran:-$ nano word_count.txt
hadoop@kiran:-$ hdfs dfs -cat /word_count_in_python/new_output/part-00000

Bye 1
Day 1
Enjoy 1
Good 1
Have 1
Hello 1
REC 1
Thankyou 1
To 1
Welcome 1
a 1
coming 1
for 1
good 1
morning 1
pleasant 1
scenaries 1
the 1
```