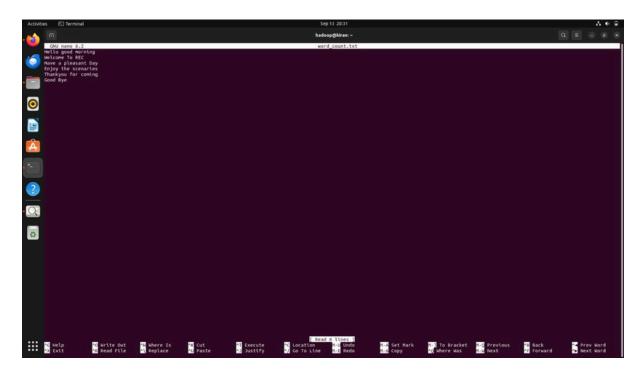
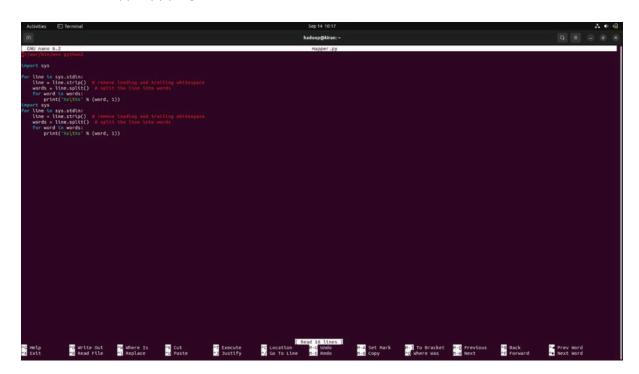
Exp. No:2

Word Count Map Reduce program

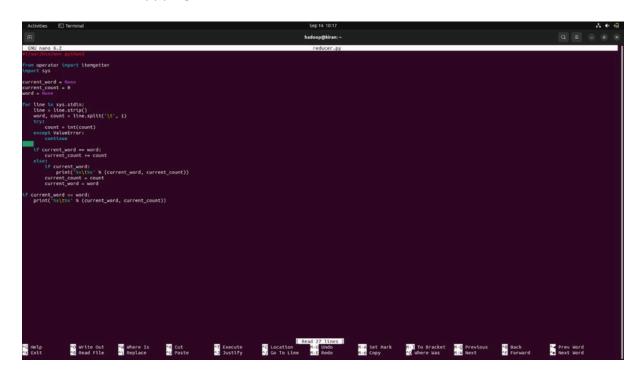
1. Create word_count.txt file



2. Create mapper.py program



3. Create reducer.py program.



4. Storing the word_count.txt in HDFS Storage.

```
hadoop@koushik~$ nano word_count.txt
hadoop@koushik~$ 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.

```
A Color Decided to 10:104_217 ERROR streaming.irrembiol: Error Launching job : Output directory before Joseph August (County of Filed Streaming County of Filed Streaming Coun
```

```
Authorities Chemical Sections 1,1880-and 10,1880-and 1
```

Output:

```
hadoop@koushik $ nano word_count.txt
hadoop@koushik $ 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
B 1
coming 1
for 1
good 1
morning 1
pleasant 1
scenaries 1
the 1
```