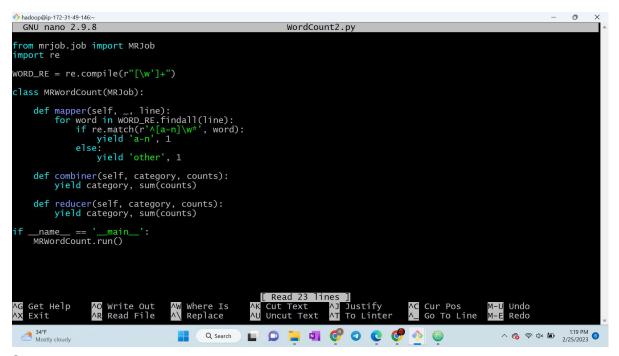
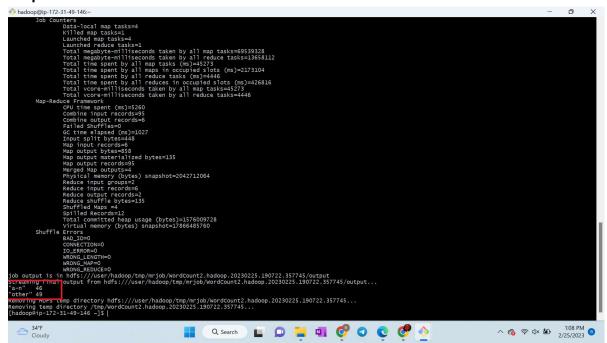
CSP554-BIG DATA TECHNOLOGIES HOMEWORK-3

BAIRI ROHITH REDDY A20526972

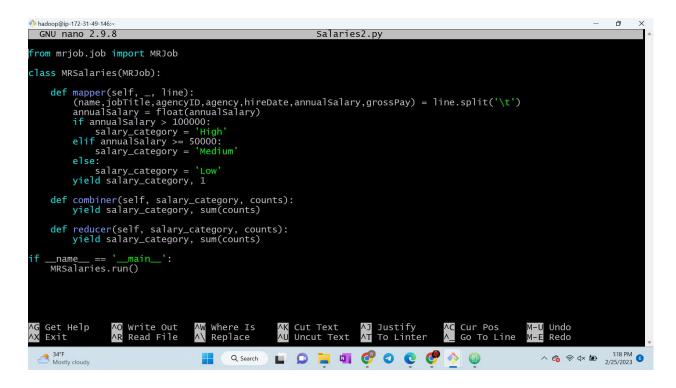
7. Modify WordCount.py to WordCount2.py to count words that begin with the small letters a-n and how many start with anything else.



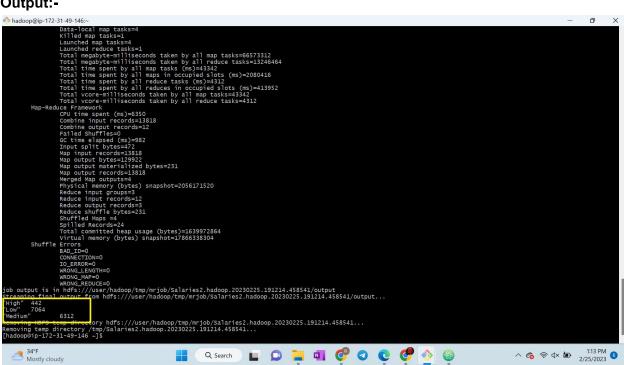
Output:-



10. Edit the Salaries.py to Salaries2.py to output the employees with high low and medium salaries.



Output:-



13. Number of movies reviewed by each user.

```
hadoop@ip-172-31-49-146:~
                                                                                                                                                          - o ×
 GNU nano 2.9.8
                                                                             MoviesCount.py
from mrjob.job import MRJob
class MRMovieReviews(MRJob):
     def mapper(self, _, line):
    userId, movieId, rating, timestamp = line.split(',')
    yield userId + ':', 1
     def combiner(self, userId, counts):
    yield userId, sum(counts)
     def reducer(self, userId, counts):
    yield userId, sum(counts)
if __name__ == '__main__':
MRMovieReviews.run()
                                                                       [ Read 18 lines ]
                                             ^W Where Is
^\ Replace
                                                                                          ^J Justify
^T To Linter
^G Get Help
^X Exit
                      ^O Write Out
^R Read File
                                                                        Cut Text
Uncut Text
                                                                                                                  ^C Cur Pos
^_ Go To Line
                                                                                                                                        M-U Undo
M-E Redo
                                                 Replace
  34°F
Mostly cloudy
                                                                                                                                            ^ ⑥ ۞ ◘× ७ 1:19 PM 2/25/2023 ⑥
                                                                                           ♂ ○ ○ ⊘ ◇ ◎
                                                      Q Search
```

Output:-

