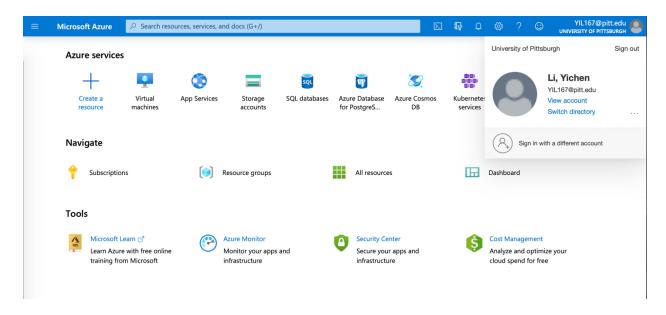
## CS1660 – Cloud Computing HW#3 Yichen Li



Lin to the input data file:

 $https://pitt-my.sharepoint.com/:t:/g/personal/yil167\_pitt\_edu/Ecs6fbPyYmNGq2-\_cy4x3lgBIlL-a9atFyyGUW9BBcMfcQ?e=pgrdZw$ 

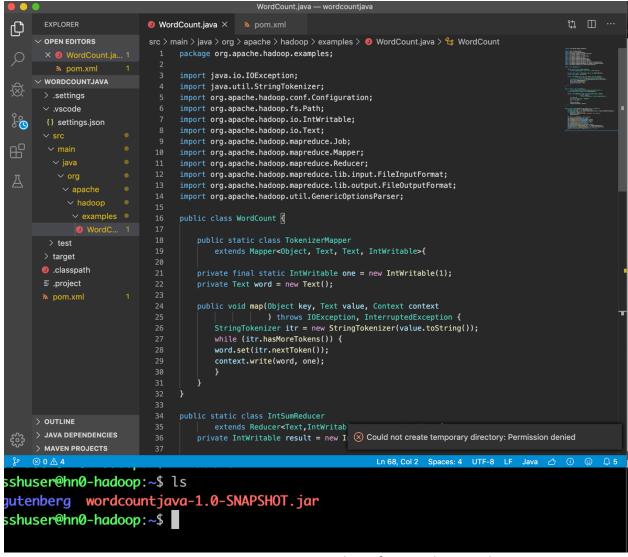
https://pitt-my.sharepoint.com/:t:/g/personal/yil167\_pitt\_edu/Ecs6fbPyYmNGq2-\_cy4x3lgBIlL-a9atFyyGUW9BBcMfcQ?e=oqpugG

```
sshuser@hn0-hadoop:~$ yarn jar wordcountjava-1.0-SNAPSHOT.jar org.apache.hadoop.
examples.WordCount /example/data/gutenberg/davinci.txt /example/data/wordcountou
20/04/15 14:15:55 INFO client.AHSProxy: Connecting to Application History server
 at headnodehost/10.0.0.16:10200
20/04/15 14:15:55 INFO client.RequestHedgingRMFailoverProxyProvider: Looking for
 the active RM in [rm1, rm2]...
20/04/15 14:15:55 INFO client.RequestHedgingRMFailoverProxyProvider: Found activ
e RM [rm2]
20/04/15 14:15:56 INFO input.FileInputFormat: Total input paths to process : 1
20/04/15 14:15:56 INFO lzo.GPLNativeCodeLoader: Loaded native gpl library
20/04/15 14:15:56 INFO lzo.LzoCodec: Successfully loaded & initialized native-lz
o library [hadoop-lzo rev b5efb3e531bc1558201462b8ab15bb412ffa6b89]
20/04/15 14:15:56 INFO mapreduce.JobSubmitter: number of splits:1
20/04/15 14:15:56 INFO mapreduce. JobSubmitter: Submitting tokens for job: job_15
86959735905_0002
20/04/15 14:15:57 INFO impl. YarnClientImpl: Submitted application application_15
86959735905_0002
20/04/15 14:15:57 INFO mapreduce. Job: The url to track the job: http://hn1-hadoo
p.wx0p1khwt0ve3mcqugtnckuzpc.bx.internal.cloudapp.net:8088/proxy/application_158
6959735905_0002/
20/04/15 14:15:57 INFO mapreduce.Job: Running job: job_1586959735905_0002
```

Screenshot of mapreduce job execution on HDinsight

```
youth, 3
youth--devoted 1
youth. 2
youth.] 1
youth; 1
youthful
             3
youwant 1
    1
Z
z_
       2
z_.
z_;
zeal
      1
zelus
      1
zenith 2
zerfielen.
             1
zero;
zum 1
zur 1
zwanzig 1
zweite 1
‡
      4
       1
¢crit_ 1
🏟ieza; 1
sshuser@hn0-hadoop:~$
```

Screenshot of output



Screenshot of mapreduce implementation on azure