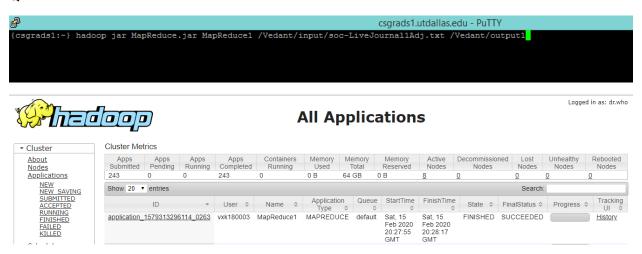
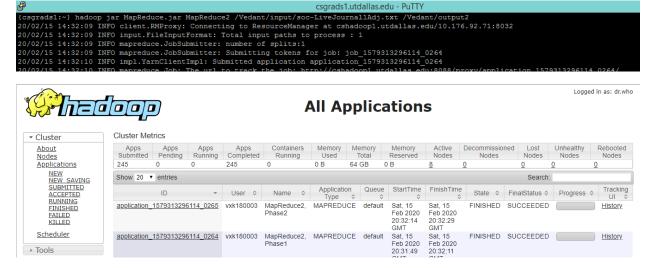
## Assignment 1

For all source and output files, PFA in the folder.

Q1



Q2



Q3

```
csgrads1.utdallas.edu - PuTTY

{csgrads1:~} hadoop jar MapReduce.jar MapReduce3 / Vedant/input/soc-LiveJournallAdj.txt / Vedant/input/userdata.txt / Vedant/output3
20/02/15 14:35:34 INFO client.RWProxy: Connecting to ResourceManager at cshadoopl.utdallas.edu/10.176.92.71:8032
20/02/15 14:35:34 INFO input.FileInputFormat: Total input paths to process: 1
20/02/15 14:35:35 INFO mapreduce.JobSubmitter: number of splits:1
20/02/15 14:35:35 INFO mapreduce.JobSubmitter: Submitting tokens for job: job 1579313296114 0266
20/02/15 14:35:35 INFO mapreduce.JobSubmitter: Submitted application 1579313296114 0266
20/02/15 14:35:35 INFO mapreduce.Job: The url to track the job: http://cshadoopl.utdallas.edu:8088/proxy/application_1579313296114_0266/
20/02/15 14:35:35 INFO mapreduce.Job: Running job: job_1579313296114_0266
```

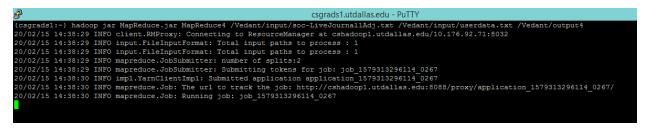


## **All Applications**



Cluster Met	trics											
Apps Submitted	Apps Pending	Apps Running	Apps Completed	Containers Running	Memory Used	Memory Total	Memory Reserved	Active Nodes	Decommission Nodes	led Lost Nodes	Unhealthy Nodes	Rebooted Nodes
246	0	0	246	0	0 B	64 GB	0 B	<u>8</u>	0	<u>0</u>	<u>0</u>	<u>0</u>
Show 20 • entries Search:												
	ID	¥	User ¢	Name \$	Application Type		e StartTime	FinishTime		FinalStatus	Progress	
<u>application</u>	1579313296	5114_0266	vxk180003	MapReduce3	MAPREDUC	CE defau	It Sat, 15 Feb 2020 20:35:14 GMT	Sat, 15 Feb 2020 20:35:44 GMT	FINISHED	SUCCEEDED		<u>History</u>

## Q4





## **All Applications**

Logged in as: dr.who

<ul> <li>Cluster</li> </ul>
About Nodes Applications NEW NEW SAVING SUBMITTED ACCEPTED RUNNING FINISHED FAILED KILLED
Scheduler
→ Tools

Cluster Met	trics												
Apps Submitted	Apps Pending	Apps Running	Apps Completed	Containers Running	Memory Used	Memory Total	Memory Reserved	Active Nodes	Decommissio Nodes	ned Lost Node:	Unhea Node		Rebooted Nodes
250	0	1	249	1	2 GB	64 GB	0 B	<u>8</u>	<u>0</u>	<u>0</u>	<u>0</u>		2
Show 20 •	entries									Sea	rch:		
	ID	~	User ≎	Name ≎	Application Type		e StartTime	FinishTim	e	FinalStatus	≎ Progr	ess ≎	Tracking UI \$
application_	1579313296	5114_0270	vxk180003	MapReduce4, Phase4	MAPREDUC	CE defau	It Sat, 15 Feb 2020 20:39:09 GMT	Sat, 15 Feb 2020 20:39:23 GMT	FINISHED	SUCCEED	ED		<u>History</u>
application_	1579313296	5114_0269	vxk180003	MapReduce4, Phase3	MAPREDUC	CE defau	It Sat, 15 Feb 2020 20:38:51 GMT	Sat, 15 Feb 2020 20:39:08 GMT	FINISHED	SUCCEED	ED		<u>History</u>
application_	1579313296	5114_0268	vxk180003	MapReduce4, Phase2	MAPREDUC	CE defau	It Sat, 15 Feb 2020 20:38:30 GMT	Sat, 15 Feb 2020 20:38:50 GMT	FINISHED	SUCCEED	ED		<u>History</u>
application_	1579313296	5114_0267	vxk180003	MapReduce4, Phase1	MAPREDUC	CE defau		Sat, 15 Feb 2020 20:38:29 GMT	FINISHED	SUCCEED	ED		<u>History</u>