## **BDA - EXP - 1 - Installation of Hadoop:**

Atharva Prashant Pawar - (9427)

```
Manager
doop:-$ history y
story: y: numeric argument required
doop:-$ history
do nano ~/.bashrc
urce ~/.bashrc
Edit View Terminal Tabs Help-
opehadoop:-$ start-yarn.sh
ting resourcemanager
ting nodemanagers
opehadoop:-$ jps
NameNode
ResourceManagor
        -i
chown -R hadoop.hadoop /usr/local/hadoop/logs
namenode -format
-dfs.sh
-yarn.sh
```

## PostLab:

PostLab:	
	Athania Prashant Pawars (9427) - Comps. A [Batch-D]
	W. C.
	BDA: Exp 1
Q1.	List out various termemologies en Big Data Analysis.
	Big Dater:
	An umbroll a term for datasets that cannot resonably be
	handled by tocadine omputer or tools due to thier volume,
- Stephie	relocity, variety. This team is also typically applied to
4	facunologies & stocetegies to work with this type of dates.
2.	Batch Processing:
	A completing strategy that involves processing date in large
	Sets, typically ideal for non-time sensitive work their that
	operates on very large sets of data
3.	Cluster Computing:
	The practive of pooling the resources of multiple madeines.
	& managing their collective capabilities to complete tasks
Н,	Data lake "
	A large repository at collected data in a relatively ran state, orther wed to refer to the data collected in a big
	Inter exchange which exists the unstructured & frequently
7	dota system which might be unstructured & frequently
5.	Changing.  Data Mining:
	The proctice of trying to find patterns in large sets of
	date, refining a mous of data Porto a more understanable
BASIN A	& conesive set of Posts.
6.	Hadoop:
THE REAL PROPERTY.	An open-source s/w framework that enables the storage
	& processing of large & complex data sets on a distributed
	competing intoastructure.
=1.	Map Reduce:
	Approprianing model used to process large data sets in
	passelle ocross a distributed computing Portrastouture.
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<b>(D)</b>	
927	Datine big data analytics?
=>	Big Data Analytics reviews to the proview of examining & entoritying
	valuable Insights from vast & complex datasets that are too large
	I diverse to be marraged & analytical wing traditional plata
	processing techniques. It involves, the application of various
	technique, techniologies, & tools to amounte Porter pret &
	extract meaningful patterns trends correlations & other
	Valuable Posto. from these massive datasets. The goal of
	big data analytics is to gain actionable insights that can
	Indown okcision - making intentity appostunities, optimize
	processes & enhance various aspects of business, research
	2 other domains.
*	key Aspects of Big Data Amalytics:
A	Volume
В	Velocity
C	Variety
D	Nevacity
E	Value
Alberta .	
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