Expt. No	
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Page No.

Expt. Name Hodoop Installation.

Date 29/03/23

AIM!

Stop by step Hadoop 2.8.0 installation on windows 10.

Proproce!

These softwares should be prepared to Pristall Hadoop 2.8.0 on windows to by bit

1. Download Hadoop 2.8.0

2. Java JOK 1.80 Zip

Setup

- 1. Check ether gava 1.8.0 in aldready installed on your system
- 2. If Java is not "notalled on your system then first "notall favor under "c: 1JAVA".
- 3. Exteract file Hadoop 2.8.0 itar.gz on Hadoop 2.8.0 zip and place under "C! Hadoop 2.8.0".
 - 4. Set the path HADOOP_HOME. Envisionment variable on windows
 - 5. Set the JAVA-HOME. EMPRONMENT Vas Rable on windows to b. Next we set the Hadoop bin describing path and JAVA ben describing path

Expt. No	Page No
Expt. Name	Date :
anfiguration:	
1. Edit \$60 cilladoop -28.01etc/ho below xml paragraph.	adorpo / corre -s90 -xml. parte
configurations	
1 proporty)	
Lname> bsodefaultFsx (name)	
Evalues holds: 11 local host: 90002 (value)	
1 haropeatys	
21 configuration>	
	nplate to "mapped - site, xml" and
,	te lhadoop/maapged-site .xml. parte
below xml pasagraph and sav	e this file.
Lconflowedfon>	
L paroparty)	
Lname, mapsieduce, biamemosi	k. rame Liname)
zvalue > youn z/value)	
211910posty)	
21 configuration)	
D. Commission of the commissio	
3. Greate Apldon "data" un	der" c:1+ladoop - 2.8=0"

De Guato folder "datamode "under" (: [Hadoop - 2.8.0 | data"

-) create folder "namenode" under "c: [Hadoop - 2.8.0 [data"

Expt. No	Page No
Expt. Name	Date :
4. Edit the c: 1Hadoop - 2.8.0 lete 1 hadoop 1 hdbs - Ste oxn	nl , paste
below xml poolageaph and save this file.	
Lions (gueration)	
2 psupporty>	
Lname) of s. sophication linames	
Lvalues 1 2 / values	
Llpg.coposity)	
L Paroporty)	
Lrame dis namanode name de Liname	
2 value) 12doop -2.8.0 (data / ramonode 21 value)	
Llpuo poety)	
LBioparty)	
Irames des datanode data de Inames	
(value) (hadoop - 2.8.0 / data / datanode 2 (value)	
LIPRIOPERTY)	
Liungguarions	
5. Edit file (: [Hadoop-280 2tc hadoop hadoop -	env. and by closing
the command Rne" JAVA - HOME = 1. JAVA - HOME	.1. Instead of
the command the sail tous "	
MET "JAVA _ HOME = C: / Java".	

@ 91em The Java emplementation to use . Required

@ 91em set gara_HOME = 01. JAVA - HOME 01.

Set JAVA_HOME ~ (:) Java.

Expt.	No	Page No
Expt.	Name	Date

Hadoop configuration:

- 1. Download file Hadoop longequeation. Zip
- 2. Dolete like bin on 10: Hadoop -2.8.0 lbin, neplaced by
- Isle his on file just download.

 3. open and typing command " holfs namonodo-format". you will Sec.

Testing!

- 1. open and and change discertory to "c: Hadoop -2.8,0/5 bin" and type " Stoot - all. and" to stood apache
 - 2. Make Sure there apps are guenning
 - & Hodoop hame node
 - * Hadoop datamode
 - & YARN RESOLUTION Manager
 - * YARN Node Manager.
 - 3. Open: https:// localhost: 8088
 - 4. open: http://localhost:50070

RESULT!

the Hadoop "installation on windows to Thus, & done.

Expt. Name Woodcount Buogram	Page No Date : 29.03.23
	Commence of the Assessment of
AIM! To Run Hadoop Worldcount Napreduce on	Windows co
ROCEDURE'.	-
C:\lsors\Jeben >hdfs namenode - format C:\hadoop -2.8.0\sbin>.stort -all.(md C:\hadoop -2.8.0\sbin > jps	
3472 Data Nocle	
21896 JPS	
7688 Resource Manager	
26492 NameNode.	
C:/>hadoop bs-mkd&19nput_d& C:/>hadoop bs-put E:/Pnput_b9leoffxt/9nput_d&1 C:/>hadoop bs-1s/9nput_d&1	
Found 1 Ptoms.	
	-1-27 21:19

e: Dhadoop dfs -catloutput_de le

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Thus, the Hadoop Mondrount MapRedure on windows 10 was executed successfully.