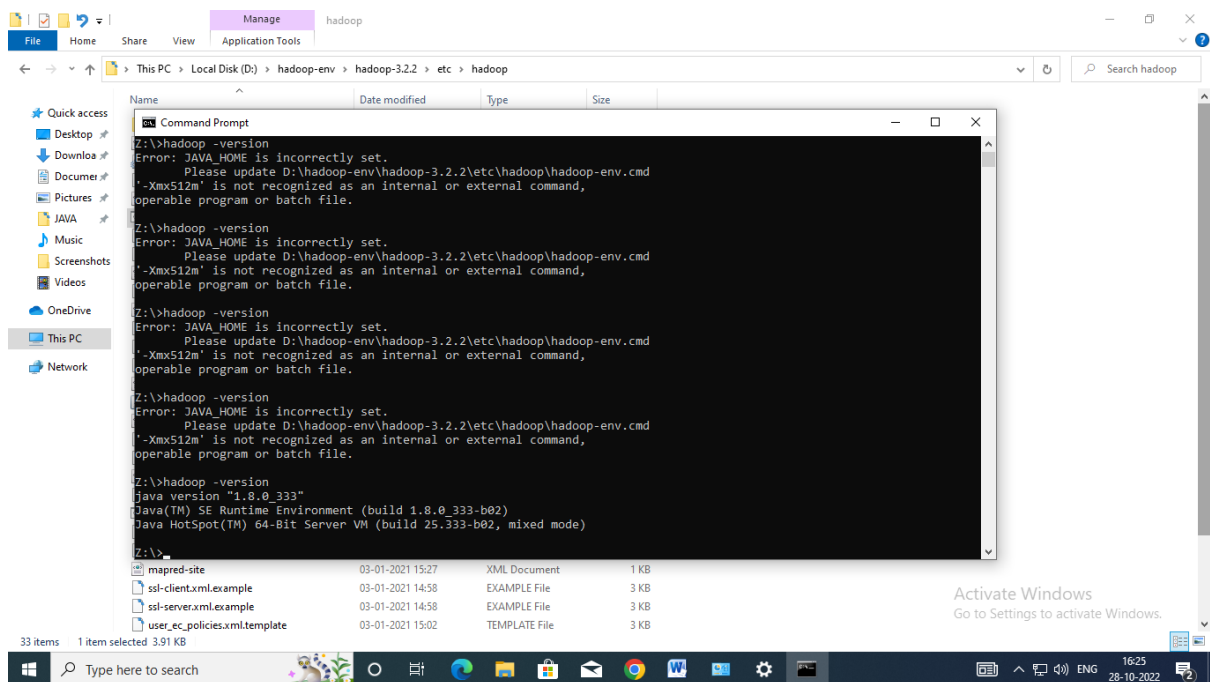
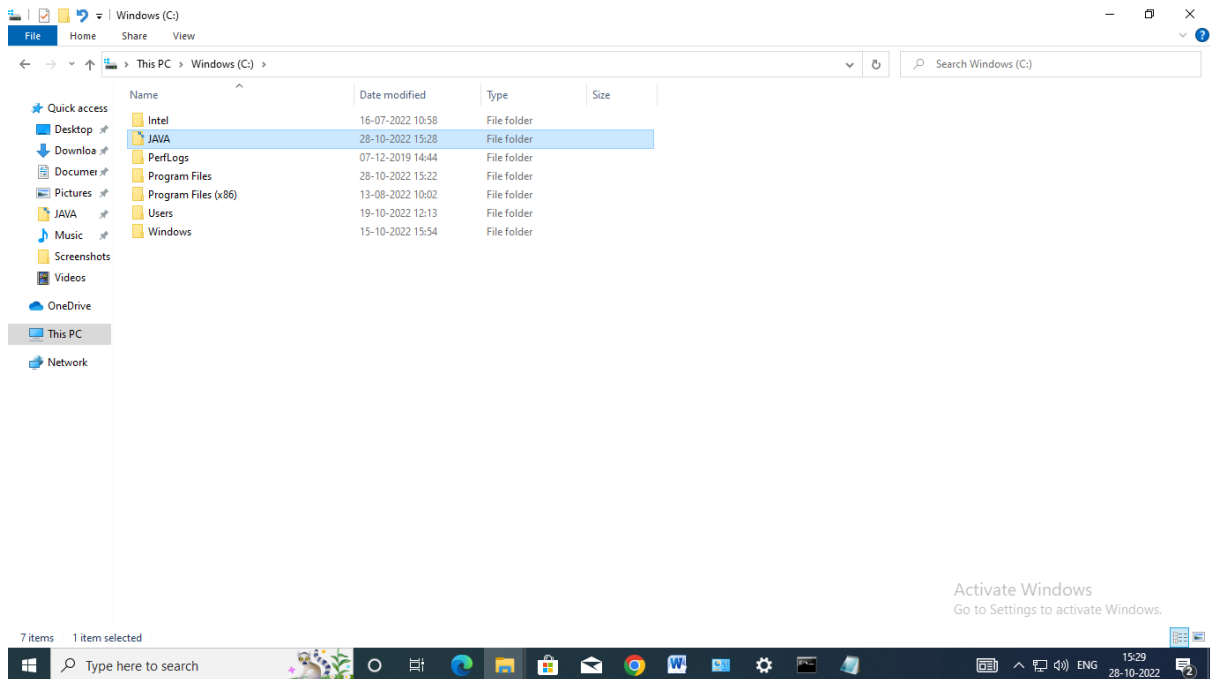


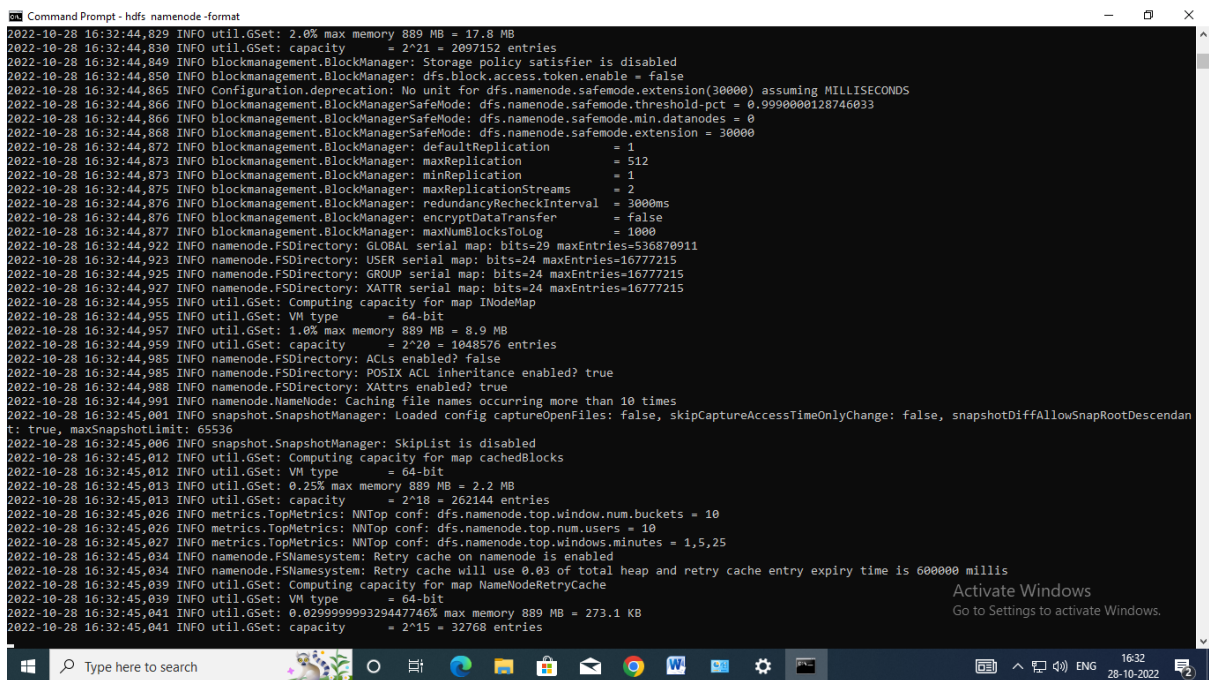
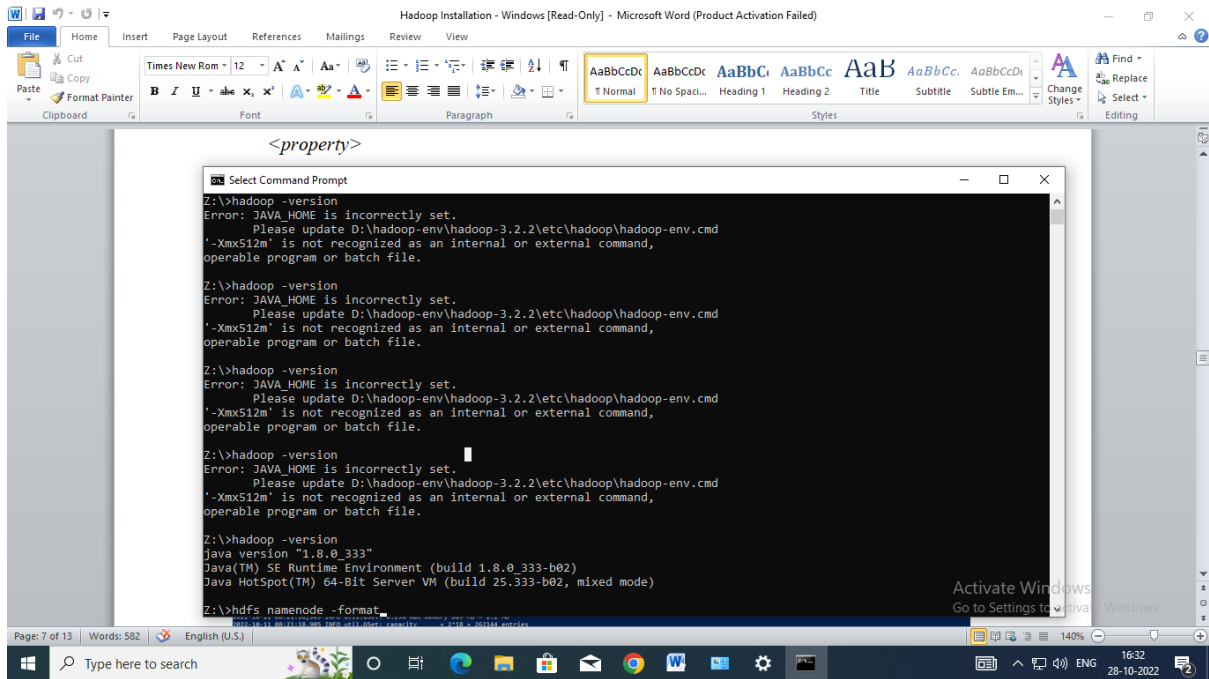
# EX:9 INSTALLATION OF SINGLE NODE HADOOP CLUSTER

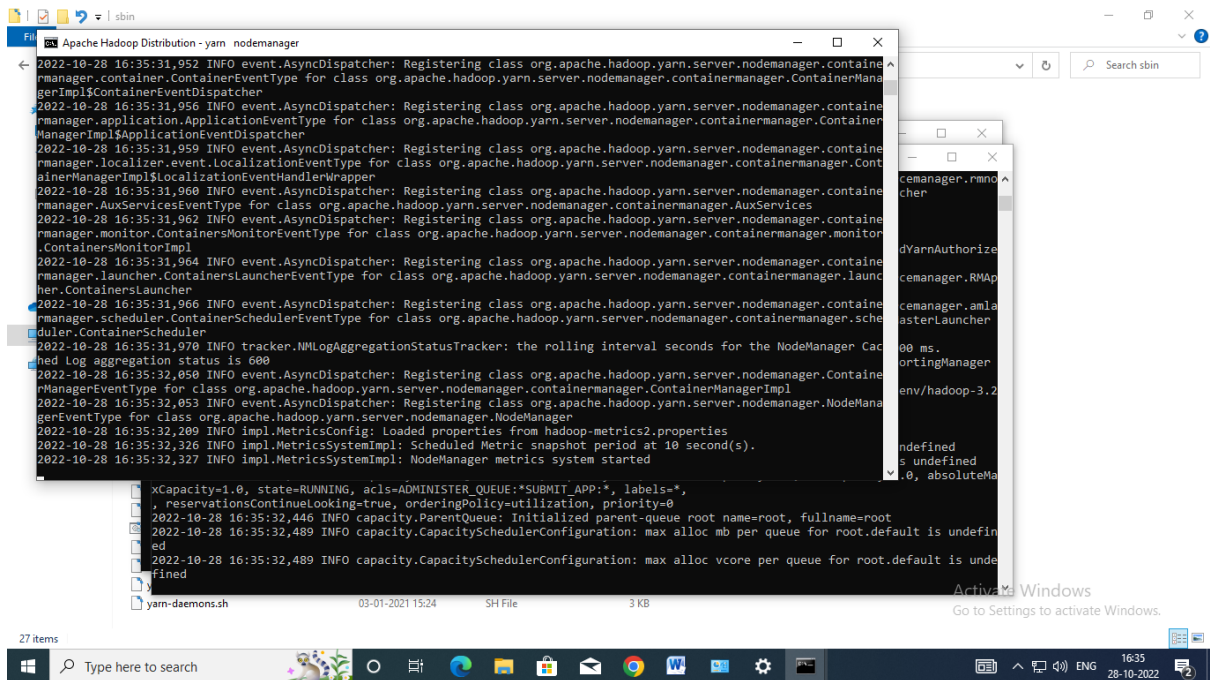
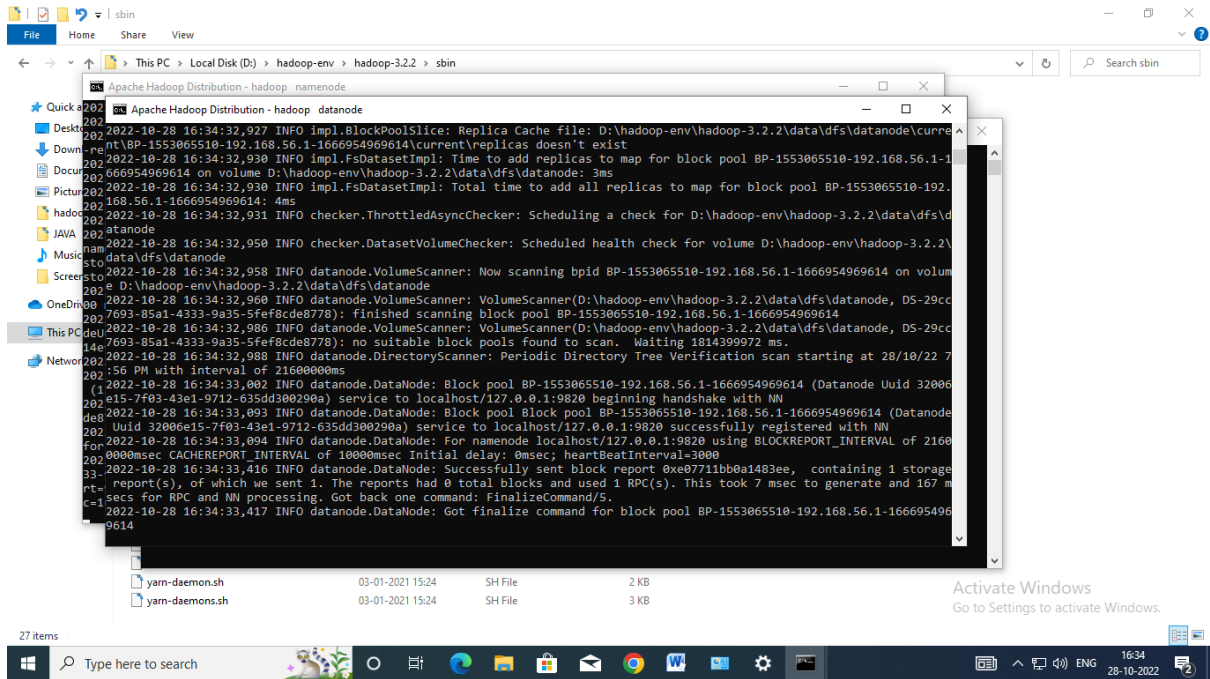
Date :28-10-22

Name :M.Divya varshini

Roll no: 19UITE032







```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19044.1889]
(c) Microsoft Corporation. All rights reserved.

D:\hadoop-env\hadoop-3.2.2\sbin>. \start-dfs.cmd

D:\hadoop-env\hadoop-3.2.2\sbin>. \start-yarn.cmd
starting yarn daemons

D:\hadoop-env\hadoop-3.2.2\sbin>jps
5184 DataNode
2100 NodeManager
5140 NameNode
1756 ResourceManager
9676 Jps

D:\hadoop-env\hadoop-3.2.2\sbin>_
```

Activate Windows  
Go to Settings to activate Windows.

localhost:9870/dfshealth.html#tab-overview

**Hadoop** Overview Datanodes Datanode Volume Failures Snapshot Startup Progress Utilities

### Overview 'localhost:9820' (active)

<b>Started:</b>	Fri Oct 28 16:34:27 +0530 2022
<b>Version:</b>	3.2.2, r7a3bc90b05f257c8ace2f76d74264906f07a932
<b>Compiled:</b>	Sun Jan 03 14:56:00 +0530 2021 by hexiaoqiao from branch-3.2.2
<b>Cluster ID:</b>	CID-214ef0f5-64fb-4e9b-acca-ac38f0a9915
<b>Block Pool ID:</b>	BP-1553065510-192.168.56.1-1666954969614

### Summary

Security is off.  
Safemode is off.

1 files and directories, 0 blocks (0 replicated blocks, 0 erasure coded block groups) = 1 total filesystem object(s).

Heap Memory used 79.84 MB of 189 MB Heap Memory. Max Heap Memory is 889 MB.

Non Heap Memory used 48.91 MB of 49.9 MB Committed Non Heap Memory. Max Non Heap Memory is <unbounded>.

Activate Windows  
Go to Settings to activate Windows.



Logged in as: dr.who

## All Applications

is Running	Apps Completed	Containers Running	Used Resources	Total Resources	Reserved Resources	Physical Mem Used %	Physical VCores Used %
0	0	0	<memory:0, vCores:0>	<memory:8192, vCores:8>	<memory:0, vCores:0>	68	12

Commissioning Nodes	Decommissioned Nodes	Lost Nodes	Unhealthy Nodes	Rebooted Nodes	Shutdown Nodes
0	0	0	0	0	0

Scheduling Resource Type	Minimum Allocation	Maximum Allocation	Maximum Cluster Application Priority
y-mb (unit=Mi), vcores]	<memory:1024, vCores:1>	<memory:8192, vCores:4>	0

Search:

Application Priority	StartTime	LaunchTime	FinishTime	State	FinalStatus	Running Containers	Allocated CPU VCores	Allocated Memory MB	Allocated GPUs	Reserved CPU VCores	Reserved Memory MB	Reserved GPUs	% of Queue	% of Cluster	Progress	Tracking UI	Blacklisted Nodes
No data available in table																	

First Previous Next Last