```
Administrator: Command Prompt
2024-02-16 12:08:44,637 INFO namenode.FSImage: Allocated new BlockPoolId: BP-1951974962-192.168.225.77-1708065524625
2024-02-16 12:08:44,691 INFO common.Storage: Storage directory C:\mydrive\hadoop\data\dfs\namenode has been successfully formatted.
2024-02-16 12:08:44,736 INFO namenode.FSImageFormatProtobuf: Saving image file C:\mydrive\hadoop\data\dfs\namenode\current\fsimage.ckpt_000000000000000000 using no compres
sion
2024-02-16 12:08:44,933 INFO namenode.FSImageFormatProtobuf: Image file C:\mydrive\hadoop\data\dfs\namenode\current\fsimage.ckpt_000000000000000000 of size 389 bytes saved
in 0 seconds .
2024-02-16 12:08:44,956 INFO namenode.NNStorageRetentionManager: Going to retain 1 images with txid >= 0
2024-02-16 12:08:44,970 INFO namenode.FSImage: FSImageSaver clean checkpoint: txid = 0 when meet shutdown.
2024-02-16 12:08:44,971 INFO namenode.NameNode: SHUTDOWN_MSG:
/************************************************************
SHUTDOWN_MSG: Shutting down NameNode at DESKTOP-0B6K1HH/192.168.225.77
************************************************************/

C:\Windows\system32>cd C:\mydrive\hadoop\sbin

C:\mydrive\hadoop\sbin>start-dfs.cmd

C:\mydrive\hadoop\sbin>start-yarn.cmd
starting yarn daemons

C:\mydrive\hadoop\sbin>hadoop fs -mkdir /sandeep

C:\mydrive\hadoop\sbin>hadoop fs -put C:\sandeep.txt /sandeep

C:\mydrive\hadoop\sbin>echo "hello,sandeep" | hadoop fs -appendToFile - /sandeep/sandeep.txt

C:\mydrive\hadoop\sbin>hadoop fs -cat /sandeep/sandeep.txt
Aim: The aim of the program is to demonstrate basic interactions with HDFS, including creating a file, writing content to it, and reading and displaying the content using t
he Hadoop File System API.

Software Required:
Hadoop Setup: Ensure you have Hadoop installed and configured on your system. Hadoop should be running, and the Hadoop environment variables should be set.

"hello,sandeep"

C:\mydrive\hadoop\sbin>
```

Hadoop | Overview | Datanodes | Datanode Volume Failures | Snapshot | Startup Progress | Utilities ▾

Browse Directory

/	Go!

Show 25 entries   Search:

		Permission	Owner	Group	Size	Last Modified	Replication	Block Size	Name	
☐		drwxr-xr-x	hp	supergroup	0 B	Feb 16 12:11	0	0 B	sandeep	🗑

Showing 1 to 1 of 1 entries   Previous **1** Next

Hadoop, 2023.

Hadoop | Overview | Datanodes | Datanode Volume Failures | Snapshot | Startup Progress | Utilities ▾

Browse Directory

/sandeep	Go!

Show 25 entries   Search:

		Permission	Owner	Group	Size	Last Modified	Replication	Block Size	Name	
☐		-rw-r--r--	hp	supergroup	399 B	Feb 16 12:13	2	128 MB	sandeep.txt	🗑

Showing 1 to 1 of 1 entries   Previous **1** Next

Hadoop, 2023.

File information - sandeep.txt ✕

Download   Head the file (first 32K)   Tail the file (last 32K)

Block information -- Block 0 ▾

Block ID: 1073741825

Block Pool ID: BP-1951974962-192.168.225.77-1708065524625

Generation Stamp: 1002

Size: 399

Availability:

- DESKTOP-0B6K1HH

Close