

Exercise-3:

STRATING ALL NODES:

```
C:\Windows\System32>start-all.cmd
```

This script is Deprecated. Instead use start-dfs.cmd and start-yarn.cmd

starting yarn daemons

Review the commands available for the Hadoop Distributed File System

```
C:\Windows\System32>hdfs dfs -help
```

Copy file foo.txt from local disk to the user"s directory in HDFS

```
C:\Windows\System32>hadoop fs -ls /
```

Found 1 items

```
drwxr-xr-x  - dines supergroup      0 2025-02-06 13:02 /AITS
```

```
C:\Windows\System32>hadoop fs -mkdir /AU
```

```
C:\Windows\System32>hadoop fs -ls /AU
```

```
C:\Windows\System32>hadoop fs -cp /AITS/*.txt /AU/
```

```
C:\Windows\System32>hadoop fs -ls /AU
```

Found 1 items

```
-rw-r--r--  1 dines supergroup    850 2025-02-06 15:27 /AU/Example1.txt
```

Get a directory listing of the user"s home directory in HDFS

```
C:\Windows\System32>hdfs dfs -ls /AITS
```

Found 1 items

```
-rw-r--r--  1 dines supergroup    850 2025-02-06 13:02 /AITS/Example1.txt
```

Get a directory listing of the HDFS root directory

```
C:\Windows\System32>hdfs dfs -ls /
```

Found 2 items

```
drwxr-xr-x  - dines supergroup      0 2025-02-06 13:02 /AITS
```

```
drwxr-xr-x  - dines supergroup      0 2025-02-06 15:27 /AU
```

Display the contents of the HDFS file user/fred/bar.txt

```
C:\Windows\System32>hadoop fs -cat /AU/Example1.txt
```

Sri. C. Gangi Reddy garu, Hon'ble Secretary of Annamacharya Educational Trust. He was born in the year 1954 to Choppa Narayana Reddy and Choppa Rajamma, a farmers family in Siddulapally, very close to Thallapaka the birth place of saint poet Annamacharya. He completed his initial education in Thallapaka and then went to Sri Govindarajaswamy Degree College, Tirupathi where he completed his graduation in B.Com. He got his Post Graduate degree Master of Commerce from Sri Venkateswara University, Tirupati in the year 1977. He completed LLB in 1981 through evening college from Osmania University. He started his official career in the department of agriculture immediately after post graduation through APPSC Hyderabad but having got selected through APPSC Group-II immediately joined as Sub Register in the registration department of AP Government.

(OR) **Hadoop fs -tail /AITS/Example1.txt** (OR) **hadoop fs -text /AITS/Example1.txt**

Move that file to the local disk, named as baz.txt

```
C:\Windows\System32>hdfs dfs -ls /AITS
```

Found 1 items

```
-rw-r--r--  1 dines supergroup    850 2025-02-06 15:54 /AITS/Example1.txt
```

```
C:\Windows\System32>hadoop fs -ls /AU
```

```
C:\Windows\System32>hdfs dfs -mv /AITS/Example1.txt /AU/baz.txt
```

```
C:\Windows\System32>hadoop fs -ls /AU
```

Found 1 items

```
-rw-r--r--  1 dines supergroup    850 2025-02-06 15:54 /AU/Example1.txt
```

```
C:\Windows\System32>hadoop fs -ls /AITS
```

Create a directory called input under the user's home directory

```
C:\Windows\System32>hadoop fs -mkdir /User/input
```

Delete the directory input old and all its contents

```
C:\Windows\System32>hadoop fs -rm -r /User/
```

Deleted /User