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1N19IS108

Checking the hadoop version.

1. Create a directory named by your name.

```
hadoop fs -mkdir /chaitanya
```

```
hadoop fs -ls /
```

2. Add two empty files into it.

```
hadoop fs -touchz /chaitanya/empty1.txt
```

```
hadoop fs -touchz /chaitanya/empty2.txt
```

3. List all the files in the directory that you have created.

```
hadoop fs -ls /chaitanya
```

4. Create one more directory by your USN and put that inside the directory of your name.

```
hadoop fs -mkdir /chaitanya/1N19IS108
```

```
hadoop fs -ls /chaitanya
```

5. Create a file in your local system by the name `usn.txt` and add the contents as "Syntax to list ls command is `hadoop fs -ls`"

```
cat > harshini_1N19IS108.txt
```

Syntax to list ls command is

```
hadoop fs -ls
```

Put the file `usn_name.txt` in your hdfs directory called `usn`. Put an empty file of hdfs into the local file system.

```
hadoop fs -touchz /chaitanya/1N19IS108/1N19IS108_chaitanya.txt
```

```
hadoop fs -touchz /chaitanya/1N19IS108/e1.txt
```

```
hadoop fs -ls /chaitanya/1N19IS108
```

```
hadoop fs -copyToLocal /chaitanya/1N19IS108/1N19IS108_chaitanya.txt
```

```
ls
```

Use mv command to move files from local file system and hdfs file system

```
hadoop fs -mv /chaitanya/empty2.txt /h/1NT19IS108
```

```
hadoop fs -ls /chaitanya/1NT19IS108
```

Experiment of cp command

```
hadoop fs -cp /chaitanya/empty1.txt /chaitanya/1NT19IS108
```

```
hadoop fs -ls /chaitanya/1NT19IS108
```

Display the total size of all files in name directory

```
hadoop fs -du /chaitanya
```

```
hadoop fs -du -s /chaitanya
```

Display each file size in USN directory Use stat command on name and usn directories.

Illustrate the use of append command

```
cat > empty1.txt Hello World
```

```
hadoop fs -appendToFile empty1.txt /chaitanya/1NT19IS108/empty2.txt
```

```
hadoop fs -cat /chaitanya/1NT19IS108/empty2.txt
```