**Important Topics for Hadoop practical exam**.

* Listing local and hdfs directory with ls command.

Hadoop fs -ls /path

* Creating file on hdfs with -touchz command

Hadoop fs -touchz /directory/filename

Hadoop fs -touchz /newFileDirectory/file1

* Empty the trash commnd expunge.

Hadoop fs -expunge

* Change the hdfs file mode with command chmod.
* Change the hdfs file owner with command chown.

Hadoop fs -chown [-R] [owner] [ :[group]] <path>

Hadoop fs -chown newDataFolder/sample

-R option recursively changes files permissions

* Creating directory on local and hdfs.

Hadoop fs -put <localsrc> <dest>

Hadoop fs -put ~/Localfile /FileFromLocal

* CopyToLocal, copyFromLocal
* **copyToLocal**

Hadoop fs -copyToLocal <hdfs src> <localhost>

Hadoop fs -copyToLocal /newDataFile/sample ~/copySample

* **copyFromLocal**

Hadoop fs -copyFromLocal <localsrc> <hdfs dest>

Hadoop fs -copyFromLocal ~/test1 /newDataFile/copytest

Hadoop fs -cat /newDataFile/copytest

* Listing the content of file with command cat.
* Change the group of file using command chgrp command.

Hadoop fs -chgrp <group> <path>

Hadoop fs -chgrp newgroup /sample.zip

* See the size of a file using du command and other properties of file using dus command.

Hadoop fs -du -s /directory/filename

Hadoop fs -du -s /newDataFolder/file1

* Move the file from one hdfs folder to another. For that create two folders on hdfs

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* Remember the steps of map reduce world count job.
* Remember the steps of installing hadoop. You may refer following link.

**Install** (<https://kontext.tech/article/445/install-hadoop-330-on-windows-10-using-wsl#:~:text=Congratulations>!,build%20native%20Hadoop%20HDFS%20libraries)