

## HDFS commands:

- List files present in a directory
  - `hadoop fs -ls <directory name>`
- Delete a file or directory (recursively)
  - `hadoop fs -rm <file name>`
  - `hadoop fs -rm -R <directory name>`
  - `hadoop fs -rmdir <directory name>`
- Create/edit a file
  - Create file
    - Create file in local system using vi
    - Move/Copy file to hdfs using following command
      - `hadoop fs -moveFromLocal <local file> <hdfs file>`
      - `hadoop fs -copyFromLocal <local file> <hdfs file>`
  - Edit file
    - Get file in local system
      - `hadoop fs -copyToLocal <hdfs file> <local file>`
    - Modify the file in local
    - Delete previous file in hdfs
    - Copy modified local file back in hdfs
- Change permission/ownership of a file/directory (recursively)
  - `hadoop fs -chmod <mode> <file name>`
  - `hadoop fs -chmod -R <mode> <directory name>`
- Move a file in another directory
  - `hadoop fs -mv <Source file> <Target file>`
- Rename a file
  - Use move command as mentioned just above
- Locate a file
  - `hadoop fs -find <directory name> -name <file name> -print`
- Create a zero byte file
  - `hadoop fs -touchz <file name>`
- See the content of a text/gzip file
  - `hadoop fs -text <gzipped file>`
- See the head/tail of a file
  - `hadoop fs -cat <file name> | head -<no of lines to display>`
- Disk usage of filesystem
  - `hadoop fs -du -h <directory name>`