BDA Experiment 1

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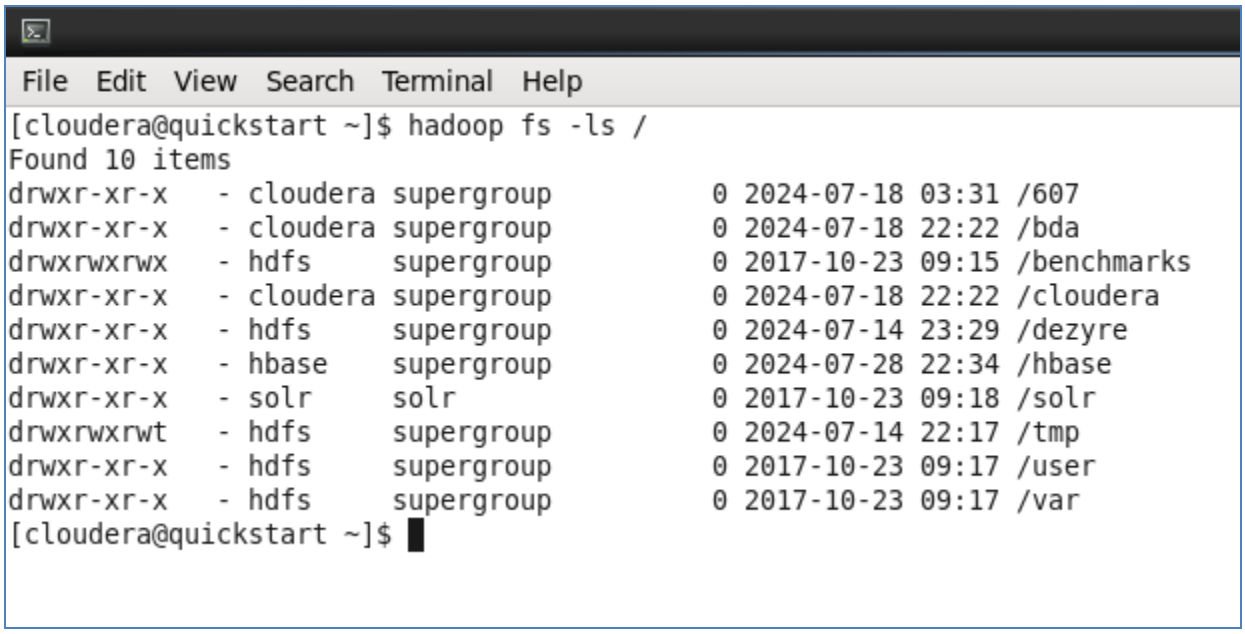
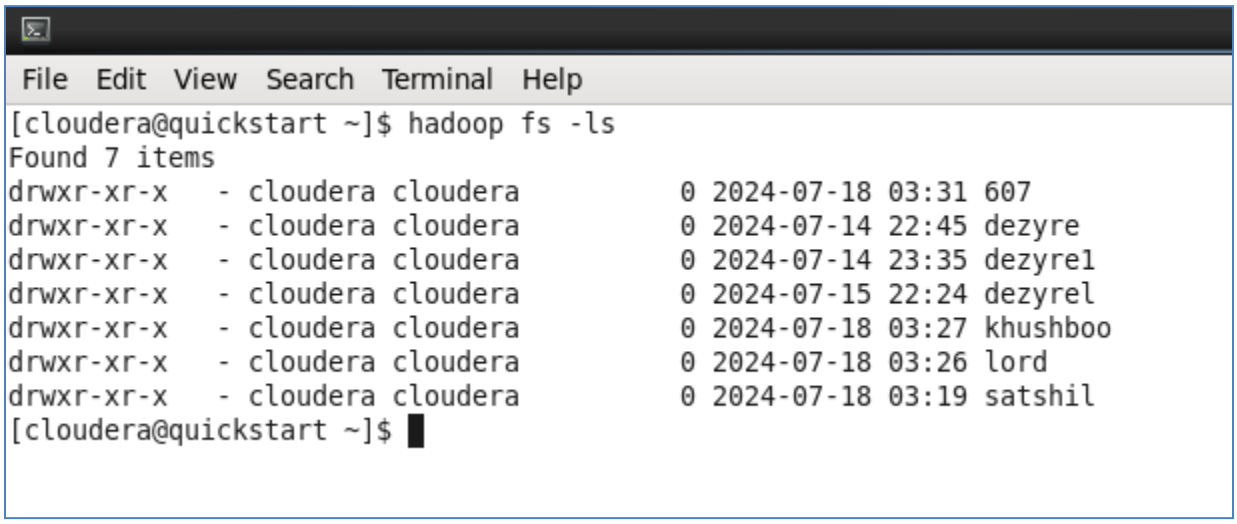
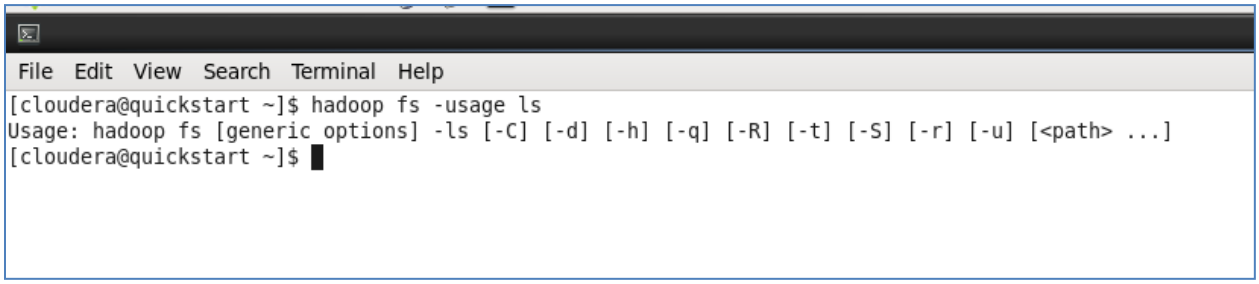
Roll no: 38	Batch: B

- $ hadoop fs -ls
  It will list available files

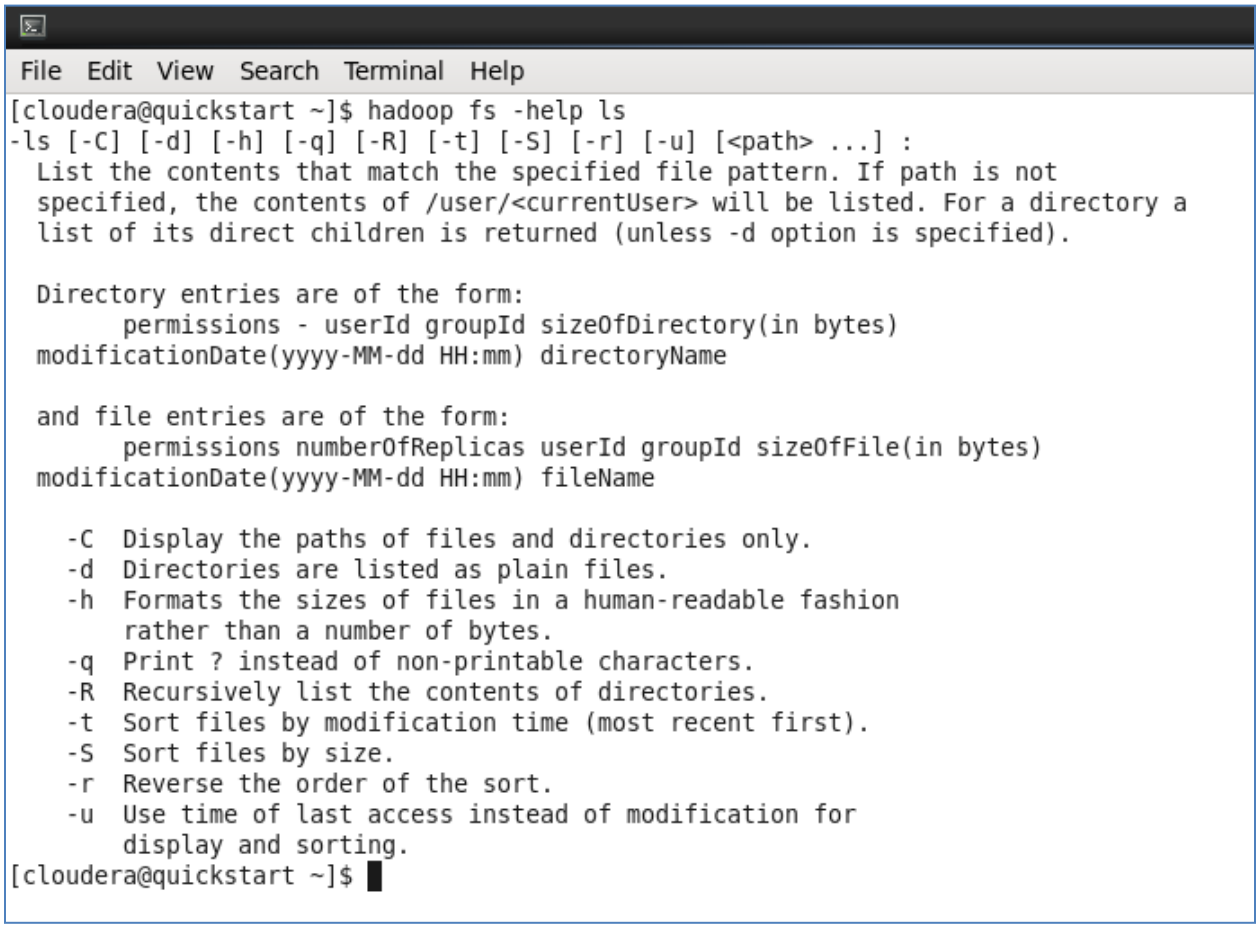




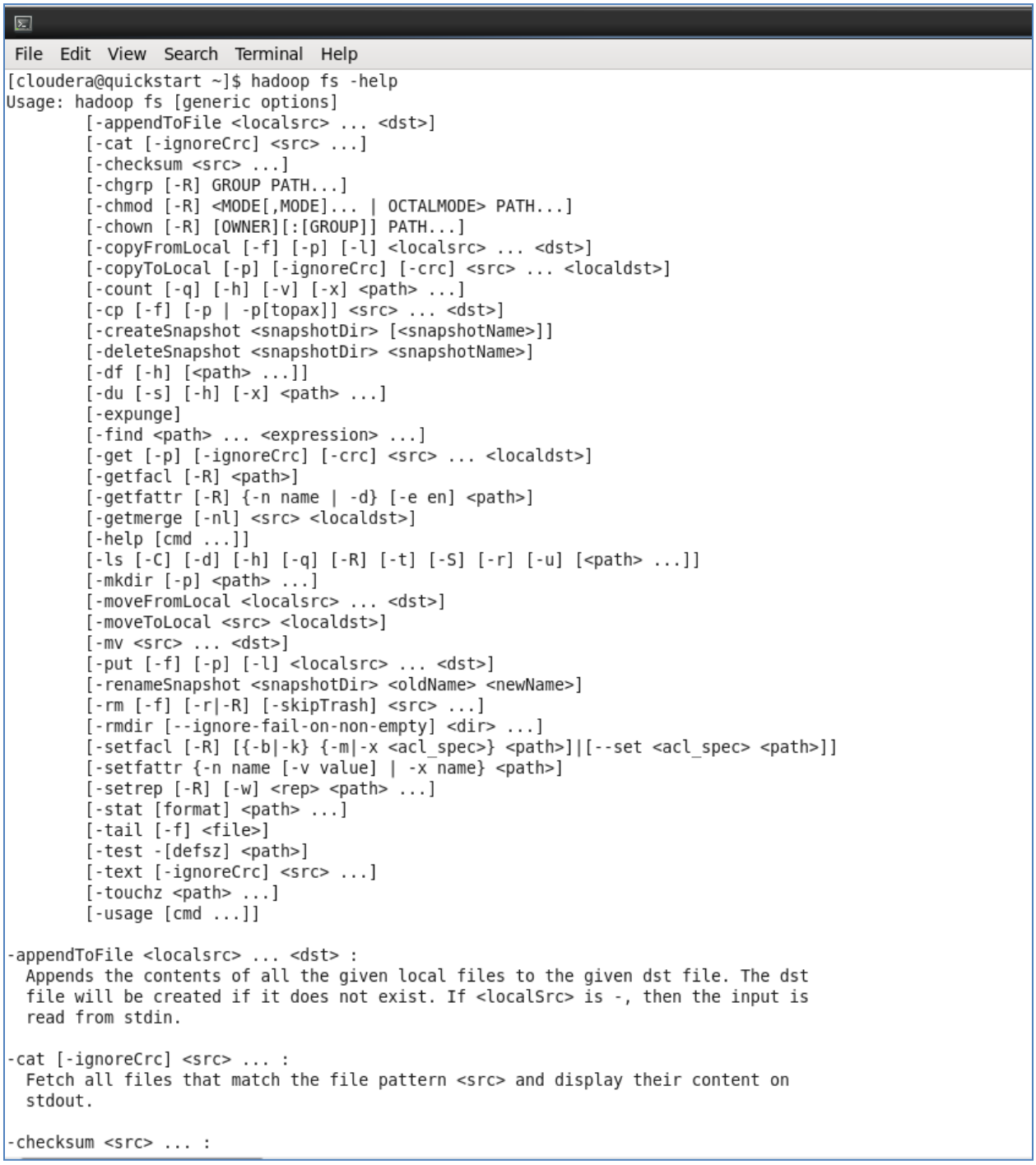
- $ hadoop fs –usage ls
  It gives options used with particular hdfs command



- $ hadoop fs –help ls
  Lists usage information along with options



- $ hadoop fs –help
  To figure out all the available hadoop commands



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File  Edit  View  Search  Terminal  Help
[cloudera@quickstart ~]$ hadoop fs -help
Usage: hadoop fs [generic options]
        [-appendToFile <localsrc> ... <dst>]
        [-cat [-ignoreCrc] <src> ...]
        [-checksum <src> ...]
        [-chgrp [-R] GROUP PATH...]
        [-chmod [-R] <MODE[,MODE]... | OCTALMODE> PATH...]
        [-chown [-R] [OWNER][:[GROUP]] PATH...]
        [-copyFromLocal [-f] [-p] [-l] <localsrc> ... <dst>]
        [-copyToLocal [-p] [-ignoreCrc] [-crc] <src> ... <localdst>]
        [-count [-q] [-h] [-v] [-x] <path> ...]
        [-cp [-f] [-p | -p[topax]] <src> ... <dst>]
        [-createSnapshot <snapshotDir> [<snapshotName>]]
        [-deleteSnapshot <snapshotDir> <snapshotName>]
        [-df [-h] [<path> ...]]
        [-du [-s] [-h] [-x] <path> ...]
        [-expunge]
        [-find <path> ... <expression> ...]
        [-get [-p] [-ignoreCrc] [-crc] <src> ... <localdst>]
        [-getfacl [-R] <path>]
        [-getfattr [-R] {-n name | -d} [-e en] <path>]
        [-getmerge [-nl] <src> <localdst>]
        [-help [cmd ...]]
        [-ls [-C] [-d] [-h] [-q] [-R] [-t] [-S] [-r] [-u] [<path> ...]]
        [-mkdir [-p] <path> ...]
        [-moveFromLocal <localsrc> ... <dst>]
        [-moveToLocal <src> <localdst>]
        [-mv <src> ... <dst>]
        [-put [-f] [-p] [-l] <localsrc> ... <dst>]
        [-renameSnapshot <snapshotDir> <oldName> <newName>]
        [-rm [-f] [-r|-R] [-skipTrash] <src> ...]
        [-rmdir [--ignore-fail-on-non-empty] <dir> ...]
        [-setfacl [-R] [{-b|-k} {-m|-x <acl_spec>} <path>]|[--set <acl_spec> <path>]]
        [-setfattr {-n name [-v value] | -x name} <path>]
        [-setrep [-R] [-w] <rep> <path> ...]
        [-stat [format] <path> ...]
        [-tail [-f] <file>]
        [-test -[defsz] <path>]
        [-text [-ignoreCrc] <src> ...]
        [-touchz <path> ...]
        [-usage [cmd ...]]

-appendToFile <localsrc> ... <dst> :
  Appends the contents of all the given local files to the given dst file. The dst
  file will be created if it does not exist. If <localSrc> is -, then the input is
  read from stdin.

-cat [-ignoreCrc] <src> ... :
  Fetch all files that match the file pattern <src> and display their content on
  stdout.

-checksum <src> ... :
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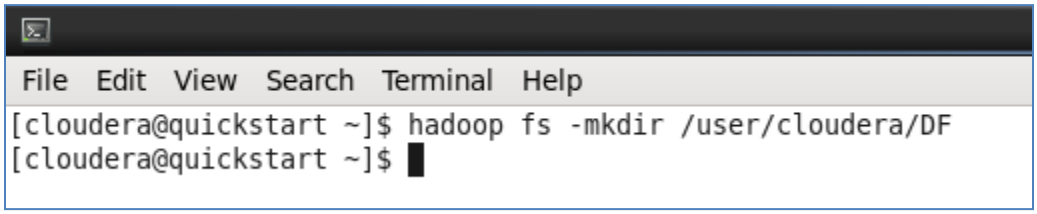
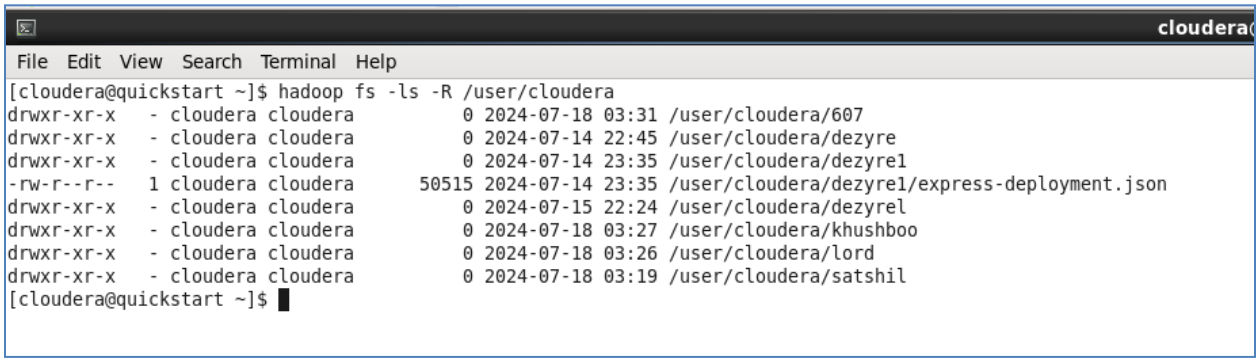
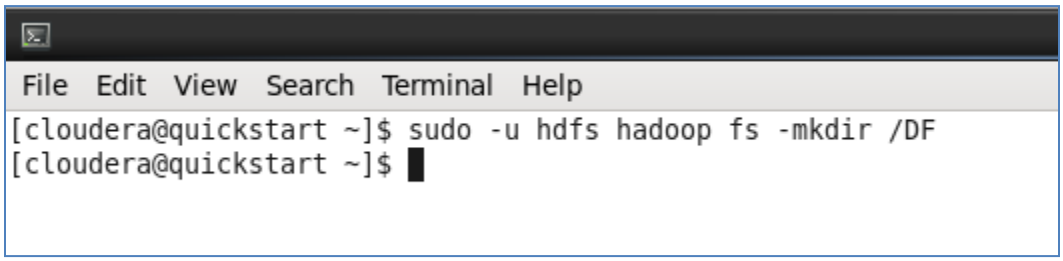
- $ hadoop fs –mkdir /user/cloudera/DF
  To create new directory



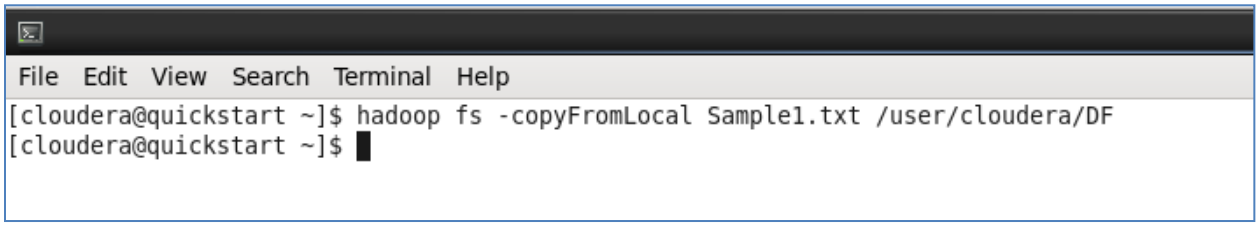
- $ hadoop fs –ls –R /user/cloudera
  Returns all available files and subdirectories



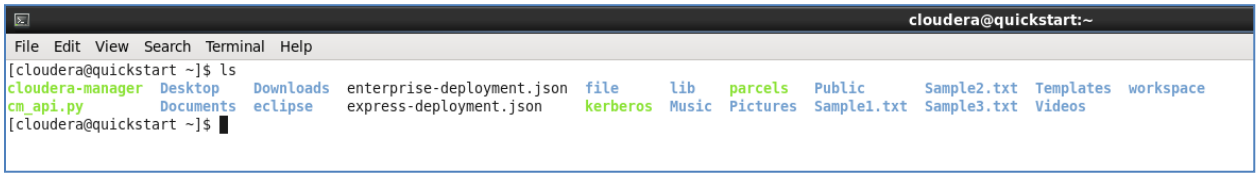
- $ sudo –u hdfs hadoop fs –mkdir /DF
  This will create a new directory named ‘DF’



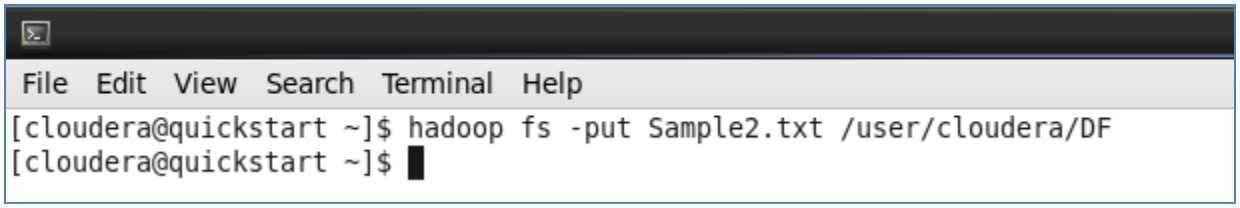
- $ hadoop fs –copyFromLocal Sample1.txt /user/cloudera/DF
  Copy/Upload Sample1.txt



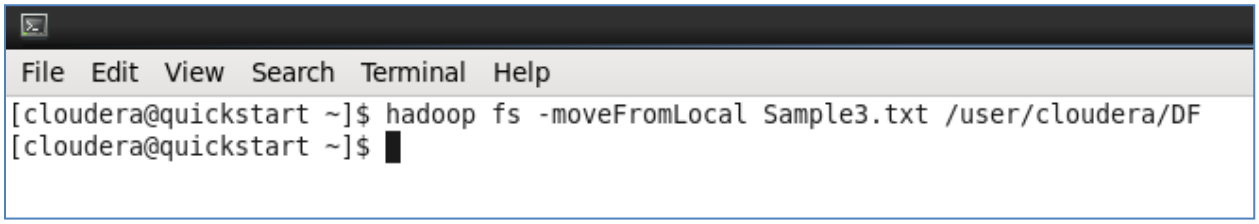
- $ ls
  List all files present in the directory



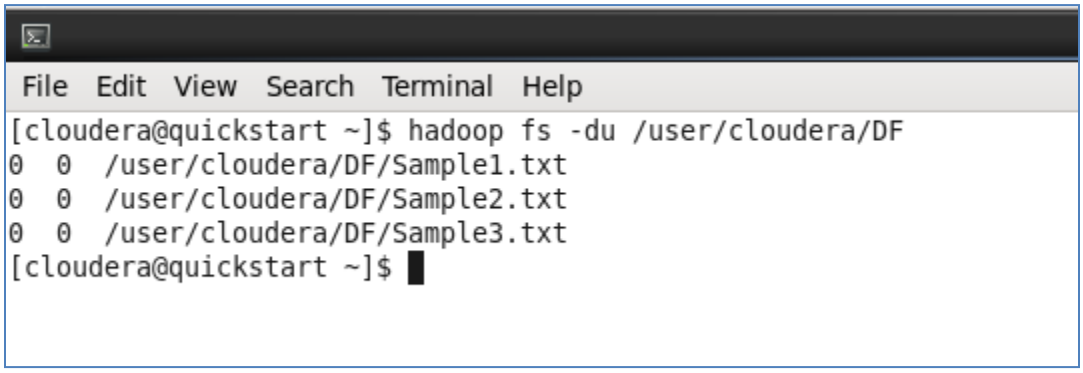
- $ hadoop fs –copyFromLocal Sample2.txt /user/cloudera/DF
  Copy/Upload Sample2.txt



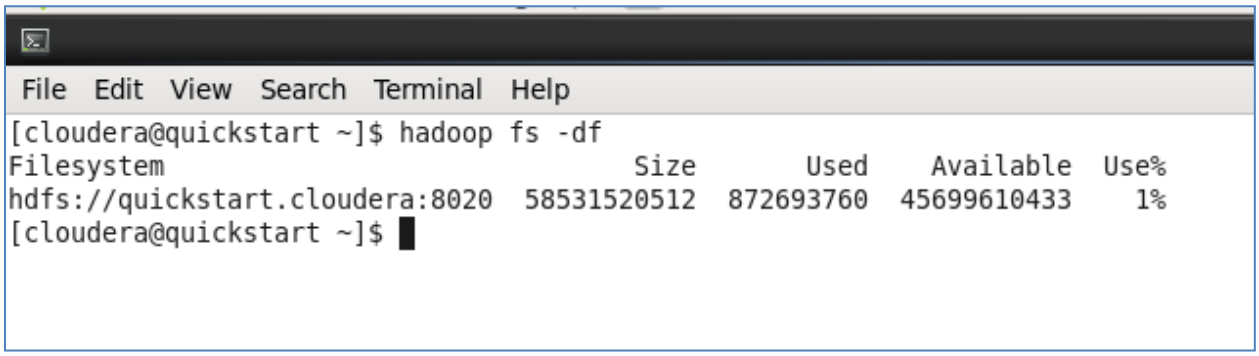
- $ hadoop fs –moveFromLocal Sample3.txt /user/cloudera/DF
  Move Sample3.txt



- $ hadoop fs –du /user/cloudera/DF
  Display the disk usage for all files



- $ hadoop fs –df
  Display disk usage of current hadoop system



- $ hadoop fs –expunge
  It empties the trash by deleting all the files