

Dig Data Management Assignment 1

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Task1 - HDFS Command Line Warmup

```
~
▶ hd -cat input
cat: `input': Is a directory

~
▶ hd -pu

~
▶ hd -put ./test.txt test.txt

~
▶ hd -cat test.txt
it's a test file.

~
▶ hd -chmod 777 test.txt

~
▶ hd -chown jack test.txt

~
▶ hd -du test.txt
18 test.txt

~
▶ hd -cp test.txt test2.txt

~
▶ hd -ls
Found 5 items
-rwxr-xr-x  1 jack supergroup 1761627280 2019-03-23 12:54 bulk_img.tiff
drwxr-xr-x  - jack supergroup          0 2019-03-21 23:35 input
drwxr-xr-x  - jack supergroup          0 2019-03-22 00:11 non_cancer_subset00
-rwxrwxrwx  1 jack supergroup         18 2019-03-27 13:37 test.txt
-rw-r--r--  1 jack supergroup         18 2019-03-27 13:38 test2.txt
```

```
~
▶ hd -get ./test2.txt ./test2.txt

~
▶ hd -mkdir testdir

~
▶ hd -mv test2.txt ./testdir/
```

```
~
▶ hd -tail ./testdir/test2.txt
it's a test file.
```

```
~  
▶ hd -setrep -w 1 testdir/test2.txt  
Replication 1 set: testdir/test2.txt  
Waiting for testdir/test2.txt ... done
```

```
~  
▶ hd -stat "%F %u:%g %r %b %y %n" testdir/test2.txt  
regular file jack:supergroup 1 18 2019-03-27 05:38:52 test2.txt
```

```
~  
▶ hd -test -e testdir/test2.txt
```

```
~  
▶ hd -ls  
Found 6 items  
-rwxr-xr-x 1 jack supergroup 1761627280 2019-03-23 12:54 bulk_img.tiff  
drwxr-xr-x - jack supergroup 0 2019-03-21 23:35 input  
drwxr-xr-x - jack supergroup 0 2019-03-22 00:11 non_cancer_subset00  
-rwxrwxrwx 1 jack supergroup 18 2019-03-27 13:37 test.txt  
-rw-r--r-- 1 jack supergroup 0 2019-03-27 13:50 test3.txt  
drwxr-xr-x - jack supergroup 0 2019-03-27 13:41 testdir  
  
~  
▶ hd -rm -r test.txt test3.txt testdir  
19/03/27 13:51:37 INFO fs.TrashPolicyDefault: Namenode trash configuration: Deletion interval = 0 minutes, Emptier interval = 0 minutes.  
Deleted test.txt  
19/03/27 13:51:37 INFO fs.TrashPolicyDefault: Namenode trash configuration: Deletion interval = 0 minutes, Emptier interval = 0 minutes.  
Deleted test3.txt  
19/03/27 13:51:37 INFO fs.TrashPolicyDefault: Namenode trash configuration: Deletion interval = 0 minutes, Emptier interval = 0 minutes.  
Deleted testdir
```