

```
cloud
File Edit View Search Terminal Help
```

```
[cloudera@quickstart 126015014]$ cat word.txt | python mapper.py | sort | python reducer.py
are      1
do       2
health   1
Hello    1
how      3
is       1
you      2
your     1
```

```
[cloudera@quickstart 126015014]$ sudo -u hdfs hadoop fs -mkdir /cb
```

```
[cloudera@quickstart 126015014]$ hadoop fs -ls /
```

```
Found 11 items
```

```
drwxr-xr-x - cloudera supergroup      0 2025-07-29 02:13 /15022
drwxr-xr-x - cloudera supergroup      0 2025-07-28 21:35 /bc
drwxr-xr-x - cloudera supergroup      0 2025-07-28 21:12 /bw
drwxr-xr-x - hdfs      supergroup      0 2025-08-04 20:34 /cb
drwxr-xr-x - hbase     supergroup      0 2025-08-04 20:25 /hbase
drwxr-xr-x - solr      solr             0 2015-06-09 03:38 /solr
drwxrwxrwx - hdfs      supergroup      0 2025-07-15 01:58 /tmp
drwxr-xr-x - cloudera supergroup      0 2025-07-28 22:06 /ts
drwxr-xr-x - hdfs      supergroup      0 2015-06-09 03:38 /user
drwxr-xr-x - hdfs      supergroup      0 2015-06-09 03:36 /var
drwxr-xr-x - hdfs      supergroup      0 2025-07-28 21:06 /wc
```

```
[cloudera@quickstart 126015014]$ hadoop fs -ls /cb
```

```
[cloudera@quickstart 126015014]$ chmod 777 mapper.py reducer.py
```

```
[cloudera@quickstart 126015014]$ sudo -u hdfs hadoop fs -chown cloudera /cb
```

```
[cloudera@quickstart 126015014]$ hadoop fs -ls /cb
```

```
[cloudera@quickstart 126015014]$ sudo -u hdfs hadoop fs -put /home/cloudera/126015014/word.txt /cb/word.txt
```

```
[cloudera@quickstart 126015014]$ hadoop fs -ls /cb
```

```
Found 1 items
```

```
-rw-r--r-- 1 hdfs supergroup      51 2025-08-04 20:47 /cb/word.txt
```

```
[cloudera@quickstart 126015014]$ hadoop fs -ls /cb/word.txt
```

```
[cloudera@quickstart 126015014]$ hadoop jar /usr/lib/hadoop-0.20-mapreduce/contrib/streaming/hadoop-streaming-2.6.0-mr1-cdh5.4.2.jar -input /cb/word.txt -mapper /home/cloudera/126015014/mapper.py -reducer /home/cloudera/126015014/reducer.py
```

```
total committed heap usage (bytes)=004304004
Shuffle Errors
  BAD_ID=0
  CONNECTION=0
  IO_ERROR=0
  WRONG_LENGTH=0
  WRONG_MAP=0
  WRONG_REDUCE=0
File Input Format Counters
  Bytes Read=77
File Output Format Counters
  Bytes Written=52
25/08/04 20:47:57 INFO streaming.StreamJob: Output directory: /cb/wayne0
```

```
[cloudera@quickstart ~]$ hdfs dfs -ls /cb/wayne0
Found 2 items
-rw-r--r--  1 cloudera supergroup      0 2025-08-04 20:47 /cb/wayne0/_SUCCESS
-rw-r--r--  1 cloudera supergroup    52 2025-08-04 20:47 /cb/wayne0/part-000000
[cloudera@quickstart ~]$ hdfs dfs -cat /cb/wayne0/part-000000
hello  1
are    1
do     2
health 1
now    3
is     1
you    2
your   1
```