1,


```
cloudera@quickstart:~/kafka_2.11-0.10.2.2

File  Edit  View  Search  Terminal  Help

[cloudera@quickstart ~]$ hdfs dfs -rm -r -f /user/cloudera/project/kafka_out/*
Deleted /user/cloudera/project/kafka_out/batch_1766242944984
[cloudera@quickstart ~]$ hdfs dfs -rm -r -f /user/cloudera/project/checkpoint/*
Deleted /user/cloudera/project/checkpoint/77ba028d-815c-4e3a-b55c-b9a9d75d3b64
Deleted /user/cloudera/project/checkpoint/checkpoint-1766244385000
Deleted /user/cloudera/project/checkpoint/checkpoint-1766244385000.bk
Deleted /user/cloudera/project/checkpoint/checkpoint-1766244390000
Deleted /user/cloudera/project/checkpoint/checkpoint-1766244390000.bk
Deleted /user/cloudera/project/checkpoint/checkpoint-1766244395000
Deleted /user/cloudera/project/checkpoint/checkpoint-1766244395000.bk
Deleted /user/cloudera/project/checkpoint/checkpoint-1766244400000
Deleted /user/cloudera/project/checkpoint/checkpoint-1766244400000.bk
Deleted /user/cloudera/project/checkpoint/checkpoint-1766244405000
Deleted /user/cloudera/project/checkpoint/checkpoint-1766244405000.bk
Deleted /user/cloudera/project/checkpoint/dd020ab3-285d-41d0-aeac-b608b2a30591
Deleted /user/cloudera/project/checkpoint/receivedBlockMetadata
[cloudera@quickstart ~]$ hdfs dfs -mkdir -p /user/cloudera/project/kafka_out
[cloudera@quickstart ~]$ hdfs dfs -mkdir -p /user/cloudera/project/checkpoint
[cloudera@quickstart ~]$ cd /home/cloudera/kafka_2.11-0.10.2.2
[cloudera@quickstart kafka_2.11-0.10.2.2]$ jps | egrep "QuorumPeerMain|Kafka"
29437 Kafka
[cloudera@quickstart kafka_2.11-0.10.2.2]$ netstat -plnt | egrep "2181|9092"
(Not all processes could be identified, non-owned process info
 will not be shown, you would have to be root to see it all.)
tcp        0      0 0.0.0.0:9092            0.0.0.0:*              LISTEN      29437/java
tcp        0      0 0.0.0.0:2181            0.0.0.0:*              LISTEN      -
[cloudera@quickstart kafka_2.11-0.10.2.2]$ spark-shell --master local[2] --jars \
> /usr/lib/oozie/oozie-sharelib-mr1/lib/spark/spark-streaming-kafka_2.10-1.6.0-cdh5.13.0.jar,\
> /usr/lib/oozie/oozie-sharelib-mr1/lib/spark/kafka_2.10-0.9.0-kafka-2.0.2.jar
Setting default log level to "WARN".
To adjust logging level use sc.setLogLevel(newLevel).
```

2


```
cloudera@quickstart:~/kafka_2.11-0.10.2.2

File  Edit  View  Search  Terminal  Help

[cloudera@quickstart ~]$ cd /home/cloudera/kafka_2.11-0.10.2.2
[cloudera@quickstart kafka_2.11-0.10.2.2]$ bin/kafka-topics.sh --list --zookeeper localhost:2181
__consumer_offsets
project_strea
project_stream
[cloudera@quickstart kafka_2.11-0.10.2.2]$
```
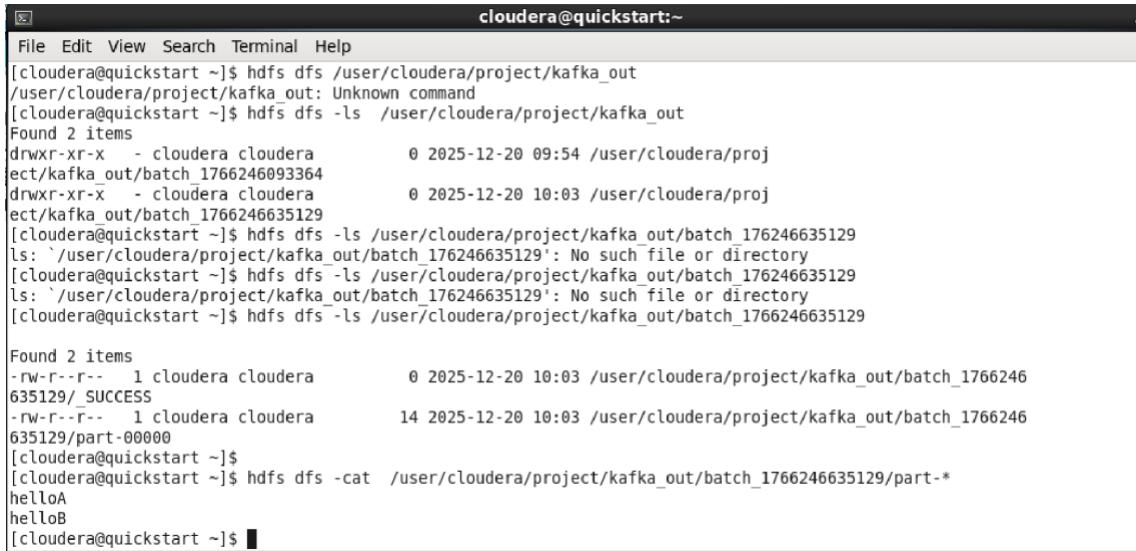
3,

```
cloudera@quickstart:~/kafka_2.11-0.10.2.2
File  Edit  View  Search  Terminal  Help
[cloudera@quickstart ~]$ cd /home/cloudera/kafka_2.11-0.10.2.2
[cloudera@quickstart kafka_2.11-0.10.2.2]$ bin/kafka-console-producer.sh --broker-list localhost:9092 --topic project_stream
hello1
hello2
hello3
```

4,

```
cloudera@quickstart:~
File  Edit  View  Search  Terminal  Help
[cloudera@quickstart ~]$ hdfs dfs /user/cloudera/project/kafka_out
/user/cloudera/project/kafka_out: Unknown command
[cloudera@quickstart ~]$ hdfs dfs -ls  /user/cloudera/project/kafka_out
Found 2 items
drwxr-xr-x   - cloudera cloudera          0 2025-12-20 09:54 /user/cloudera/proj
ect/kafka_out/batch_1766246093364
drwxr-xr-x   - cloudera cloudera          0 2025-12-20 10:03 /user/cloudera/proj
ect/kafka_out/batch_1766246635129
[cloudera@quickstart ~]$ hdfs dfs -ls /user/cloudera/project/kafka_out/batch_176246635129
ls: `/user/cloudera/project/kafka_out/batch_176246635129': No such file or directory
[cloudera@quickstart ~]$ hdfs dfs -ls /user/cloudera/project/kafka_out/batch_176246635129
ls: `/user/cloudera/project/kafka_out/batch_176246635129': No such file or directory
[cloudera@quickstart ~]$ hdfs dfs -ls /user/cloudera/project/kafka_out/batch_1766246635129

Found 2 items
-rw-r--r--   1 cloudera cloudera          0 2025-12-20 10:03 /user/cloudera/project/kafka_out/batch_1766246
635129/_SUCCESS
-rw-r--r--   1 cloudera cloudera         14 2025-12-20 10:03 /user/cloudera/project/kafka_out/batch_1766246
635129/part-00000
[cloudera@quickstart ~]$
[cloudera@quickstart ~]$ hdfs dfs -cat  /user/cloudera/project/kafka_out/batch_1766246635129/part-*
helloA
helloB
[cloudera@quickstart ~]$
```