

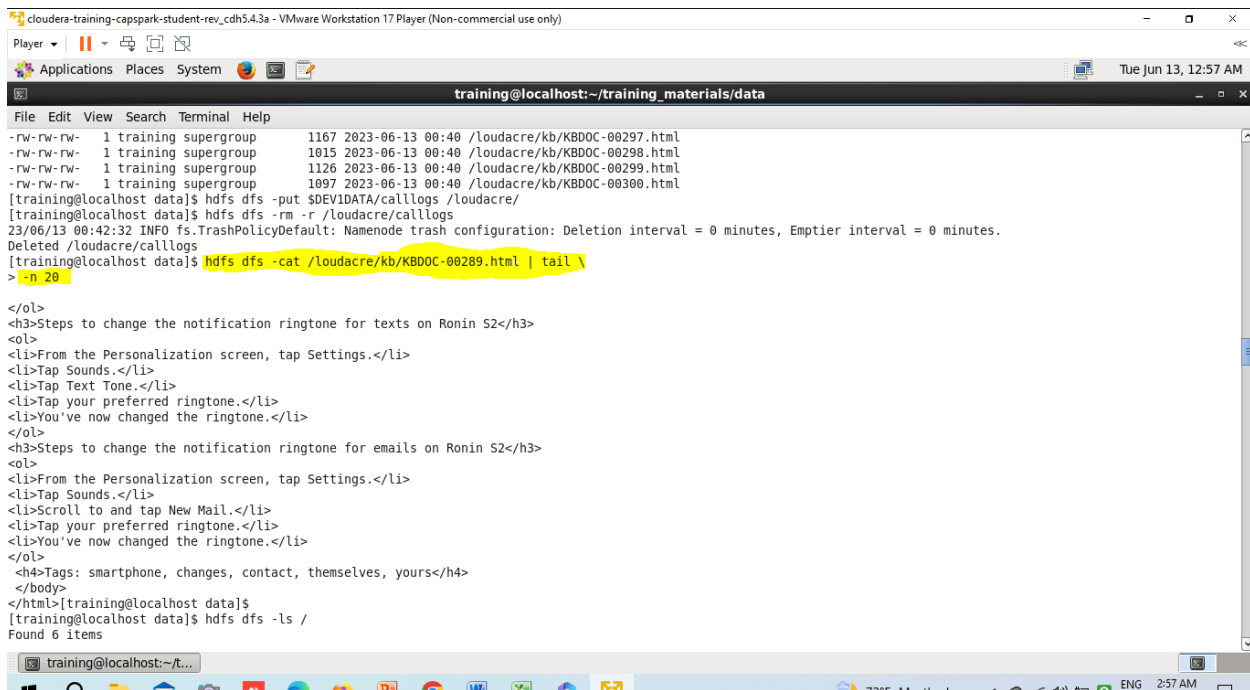
LAB 2 BIG DATA

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Answer 1: Output of step 10 is as follows in the screenshot:



```
cloudera-training-capsark-student-rev_cdh5.4.3a - VMware Workstation 17 Player (Non-commercial use only)
Player
Applications Places System
training@localhost:~/training_materials/data
File Edit View Search Terminal Help
-rw-rw-rw- 1 training supergroup 1167 2023-06-13 00:40 /loudacre/kb/KBD0C-00297.html
-rw-rw-rw- 1 training supergroup 1015 2023-06-13 00:40 /loudacre/kb/KBD0C-00298.html
-rw-rw-rw- 1 training supergroup 1126 2023-06-13 00:40 /loudacre/kb/KBD0C-00299.html
-rw-rw-rw- 1 training supergroup 1097 2023-06-13 00:40 /loudacre/kb/KBD0C-00300.html
[training@localhost data]$ hdfs dfs -put $DEV1DATA/callogs /loudacre/
[training@localhost data]$ hdfs dfs -rm -r /loudacre/callogs
23/06/13 00:42:32 INFO fs.TrashPolicyDefault: Namenode trash configuration: Deletion interval = 0 minutes, Emptier interval = 0 minutes.
Deleted /loudacre/callogs
[training@localhost data]$ hdfs dfs -cat /loudacre/kb/KBD0C-00289.html | tail \
> -n 20

</ol>
<h3>Steps to change the notification ringtone for texts on Ronin S2</h3>
<ol>
<li>From the Personalization screen, tap Settings.</li>
<li>Tap Sounds.</li>
<li>Tap Text Tone.</li>
<li>Tap your preferred ringtone.</li>
<li>You've now changed the ringtone.</li>
</ol>
<h3>Steps to change the notification ringtone for emails on Ronin S2</h3>
<ol>
<li>From the Personalization screen, tap Settings.</li>
<li>Tap Sounds.</li>
<li>Scroll to and tap New Mail.</li>
<li>Tap your preferred ringtone.</li>
<li>You've now changed the ringtone.</li>
</ol>
<h4>Tags: smartphone, changes, contact, themselves, yours</h4>
</body>
</html>[training@localhost data]$
[training@localhost data]$ hdfs dfs -ls /
Found 6 items
```

I am adding output of steps from 2 to 9 too just for the safer side; please find the outputs of steps from 2 to 9 below:

```
cloudera-training-capspark-student-rev_cdh5.4.3a - VMware Workstation 17 Player (Non-commercial use only)
Player
Applications Places System
training@localhost: ~/training_materials/data
File Edit View Search Terminal Help
<h4>Tags: smartphone, changes, contact, themselves, yours</h4>
</body>
</html>[training@localhost data]$
[training@localhost data]$ hdfs dfs -ls /
Found 6 items
drwxrwxrwx - hbase supergroup 0 2015-08-27 05:37 /hbase
drwxrwxrwx - training supergroup 0 2023-06-13 00:42 /loudacre
drwxrwxrwx - solr supergroup 0 2015-08-27 05:32 /solr
drwxrwxrwt - hdfs supergroup 0 2023-06-05 15:31 /tmp
drwxrwxrwx - hdfs supergroup 0 2023-05-30 19:36 /user
drwxrwxrwx - hdfs supergroup 0 2015-08-27 05:31 /var
[training@localhost data]$ hdfs dfs -ls /user
Found 6 items
drwxrwxrwx - hdfs supergroup 0 2023-05-30 19:36 /user/hdfs
drwxrwxrwt - mapred hadoop 0 2015-08-27 05:31 /user/history
drwxrwxrwx - hive hive 0 2015-08-27 05:31 /user/hive
drwxrwxrwx - oozie oozie 0 2015-08-27 05:32 /user/oozie
drwxr-xr-x - spark spark 0 2015-08-27 05:32 /user/spark
drwxrwxrwx - training supergroup 0 2015-08-27 05:31 /user/training
[training@localhost data]$ hdfs dfs -ls /user/training
[training@localhost data]$ hdfs dfs -mkdir /loudacre
mkdir: '/loudacre': File exists
[training@localhost data]$ cd $DEV1DATA
[training@localhost data]$ hdfs dfs -put kb /loudacre/
put: '/loudacre/kb/KBD0C-00001.html': File exists
put: '/loudacre/kb/KBD0C-00002.html': File exists
put: '/loudacre/kb/KBD0C-00003.html': File exists
put: '/loudacre/kb/KBD0C-00004.html': File exists
put: '/loudacre/kb/KBD0C-00005.html': File exists
put: '/loudacre/kb/KBD0C-00006.html': File exists
put: '/loudacre/kb/KBD0C-00007.html': File exists
put: '/loudacre/kb/KBD0C-00008.html': File exists
put: '/loudacre/kb/KBD0C-00009.html': File exists
training@localhost:~/t...
```

```
cloudera-training-capspark-student-rev_cdh5.4.3a - VMware Workstation 17 Player (Non-commercial use only)
Player
Applications Places System
training@localhost: ~/training_materials/data
File Edit View Search Terminal Help
put: '/loudacre/kb/KBD0C-00300.html': File exists
[training@localhost data]$ hdfs dfs -ls /loudacre/kb
Found 300 items
-rw-rw-rw- 1 training supergroup 1626 2023-06-13 00:40 /loudacre/kb/KBD0C-00001.html
-rw-rw-rw- 1 training supergroup 1298 2023-06-13 00:40 /loudacre/kb/KBD0C-00002.html
-rw-rw-rw- 1 training supergroup 1183 2023-06-13 00:40 /loudacre/kb/KBD0C-00003.html
-rw-rw-rw- 1 training supergroup 1029 2023-06-13 00:40 /loudacre/kb/KBD0C-00004.html
-rw-rw-rw- 1 training supergroup 1155 2023-06-13 00:40 /loudacre/kb/KBD0C-00005.html
-rw-rw-rw- 1 training supergroup 1109 2023-06-13 00:40 /loudacre/kb/KBD0C-00006.html
-rw-rw-rw- 1 training supergroup 1648 2023-06-13 00:40 /loudacre/kb/KBD0C-00007.html
-rw-rw-rw- 1 training supergroup 1303 2023-06-13 00:40 /loudacre/kb/KBD0C-00008.html
-rw-rw-rw- 1 training supergroup 1173 2023-06-13 00:40 /loudacre/kb/KBD0C-00009.html
-rw-rw-rw- 1 training supergroup 1017 2023-06-13 00:40 /loudacre/kb/KBD0C-00010.html
-rw-rw-rw- 1 training supergroup 1149 2023-06-13 00:40 /loudacre/kb/KBD0C-00011.html
-rw-rw-rw- 1 training supergroup 1117 2023-06-13 00:40 /loudacre/kb/KBD0C-00012.html
-rw-rw-rw- 1 training supergroup 1638 2023-06-13 00:40 /loudacre/kb/KBD0C-00013.html
-rw-rw-rw- 1 training supergroup 1282 2023-06-13 00:40 /loudacre/kb/KBD0C-00014.html
-rw-rw-rw- 1 training supergroup 1166 2023-06-13 00:40 /loudacre/kb/KBD0C-00015.html
-rw-rw-rw- 1 training supergroup 1017 2023-06-13 00:40 /loudacre/kb/KBD0C-00016.html
-rw-rw-rw- 1 training supergroup 1160 2023-06-13 00:40 /loudacre/kb/KBD0C-00017.html
-rw-rw-rw- 1 training supergroup 1105 2023-06-13 00:40 /loudacre/kb/KBD0C-00018.html
-rw-rw-rw- 1 training supergroup 1612 2023-06-13 00:40 /loudacre/kb/KBD0C-00019.html
-rw-rw-rw- 1 training supergroup 1274 2023-06-13 00:40 /loudacre/kb/KBD0C-00020.html
-rw-rw-rw- 1 training supergroup 1176 2023-06-13 00:40 /loudacre/kb/KBD0C-00021.html
-rw-rw-rw- 1 training supergroup 1024 2023-06-13 00:40 /loudacre/kb/KBD0C-00022.html
-rw-rw-rw- 1 training supergroup 1149 2023-06-13 00:40 /loudacre/kb/KBD0C-00023.html
-rw-rw-rw- 1 training supergroup 1103 2023-06-13 00:40 /loudacre/kb/KBD0C-00024.html
-rw-rw-rw- 1 training supergroup 1580 2023-06-13 00:40 /loudacre/kb/KBD0C-00025.html
-rw-rw-rw- 1 training supergroup 1242 2023-06-13 00:40 /loudacre/kb/KBD0C-00026.html
-rw-rw-rw- 1 training supergroup 1143 2023-06-13 00:40 /loudacre/kb/KBD0C-00027.html
-rw-rw-rw- 1 training supergroup 1013 2023-06-13 00:40 /loudacre/kb/KBD0C-00028.html
-rw-rw-rw- 1 training supergroup 1130 2023-06-13 00:40 /loudacre/kb/KBD0C-00029.html
-rw-rw-rw- 1 training supergroup 1101 2023-06-13 00:40 /loudacre/kb/KBD0C-00030.html
training@localhost:~/t...
```

cloudera-training-capspark-student-rev_cdh5.4.3a - VMware Workstation 17 Player (Non-commercial use only)

Player ▾ | Applications Places System | Tue Jun 13, 1:01 AM

training@localhost: ~/training_materials/data

File Edit View Search Terminal Help

```
-rw-rw-rw- 1 training supergroup 1151 2023-06-13 00:40 /loudacre/kb/KBD0C-00273.html
-rw-rw-rw- 1 training supergroup 1020 2023-06-13 00:40 /loudacre/kb/KBD0C-00274.html
-rw-rw-rw- 1 training supergroup 1105 2023-06-13 00:40 /loudacre/kb/KBD0C-00275.html
-rw-rw-rw- 1 training supergroup 1101 2023-06-13 00:40 /loudacre/kb/KBD0C-00276.html
-rw-rw-rw- 1 training supergroup 1604 2023-06-13 00:40 /loudacre/kb/KBD0C-00277.html
-rw-rw-rw- 1 training supergroup 1253 2023-06-13 00:40 /loudacre/kb/KBD0C-00278.html
-rw-rw-rw- 1 training supergroup 1169 2023-06-13 00:40 /loudacre/kb/KBD0C-00279.html
-rw-rw-rw- 1 training supergroup 1021 2023-06-13 00:40 /loudacre/kb/KBD0C-00280.html
-rw-rw-rw- 1 training supergroup 1135 2023-06-13 00:40 /loudacre/kb/KBD0C-00281.html
-rw-rw-rw- 1 training supergroup 1115 2023-06-13 00:40 /loudacre/kb/KBD0C-00282.html
-rw-rw-rw- 1 training supergroup 1608 2023-06-13 00:40 /loudacre/kb/KBD0C-00283.html
-rw-rw-rw- 1 training supergroup 1263 2023-06-13 00:40 /loudacre/kb/KBD0C-00284.html
-rw-rw-rw- 1 training supergroup 1151 2023-06-13 00:40 /loudacre/kb/KBD0C-00285.html
-rw-rw-rw- 1 training supergroup 1017 2023-06-13 00:40 /loudacre/kb/KBD0C-00286.html
-rw-rw-rw- 1 training supergroup 1129 2023-06-13 00:40 /loudacre/kb/KBD0C-00287.html
-rw-rw-rw- 1 training supergroup 1111 2023-06-13 00:40 /loudacre/kb/KBD0C-00288.html
-rw-rw-rw- 1 training supergroup 1612 2023-06-13 00:40 /loudacre/kb/KBD0C-00289.html
-rw-rw-rw- 1 training supergroup 1253 2023-06-13 00:40 /loudacre/kb/KBD0C-00290.html
-rw-rw-rw- 1 training supergroup 1164 2023-06-13 00:40 /loudacre/kb/KBD0C-00291.html
-rw-rw-rw- 1 training supergroup 1041 2023-06-13 00:40 /loudacre/kb/KBD0C-00292.html
-rw-rw-rw- 1 training supergroup 1110 2023-06-13 00:40 /loudacre/kb/KBD0C-00293.html
-rw-rw-rw- 1 training supergroup 1097 2023-06-13 00:40 /loudacre/kb/KBD0C-00294.html
-rw-rw-rw- 1 training supergroup 1625 2023-06-13 00:40 /loudacre/kb/KBD0C-00295.html
-rw-rw-rw- 1 training supergroup 1270 2023-06-13 00:40 /loudacre/kb/KBD0C-00296.html
-rw-rw-rw- 1 training supergroup 1167 2023-06-13 00:40 /loudacre/kb/KBD0C-00297.html
-rw-rw-rw- 1 training supergroup 1015 2023-06-13 00:40 /loudacre/kb/KBD0C-00298.html
-rw-rw-rw- 1 training supergroup 1126 2023-06-13 00:40 /loudacre/kb/KBD0C-00299.html
-rw-rw-rw- 1 training supergroup 1097 2023-06-13 00:40 /loudacre/kb/KBD0C-00300.html
[training@localhost data]$ hdfs dfs -put $DEV1DATA/callogs /loudacre/
[training@localhost data]$ hdfs dfs -rm -r /loudacre/callogs
23/06/13 01:00:57 INFO fs.TrashPolicyDefault: Namenode trash configuration: Deletion interval = 0 minutes, Emptier interval = 0 minutes.
Deleted /loudacre/callogs
[training@localhost data]$
```

training@localhost: ~/t...