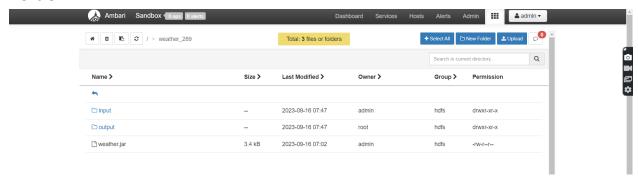
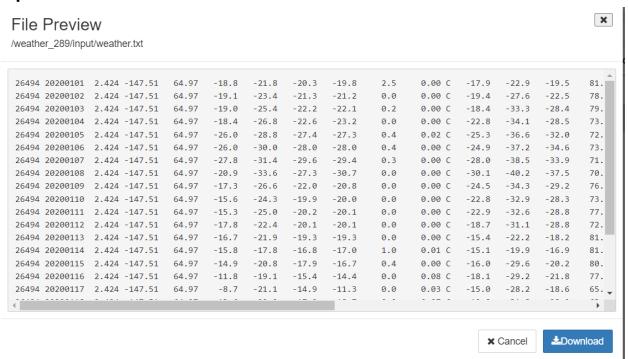
Weather data analysis for analyzing hot and cold days using MapReduce.

Folder:



Input data File Preview:



Sandbox Execution:

```
[root@sandbox ~]# hadoop is -get /weather_289 [root@sandbox ~]# hadoop jar weather_18r /weather_289 [root@sandbox hortomorks, com:8188/ws/v1/timeline/23/09/16 02:22:55 [NBO client_NBroov; Connecting to ResourceManager at sandbox.hortomorks, com:8188/ws/v1/timeline/23/09/16 02:22:55 [NBO client_NBroov; Connecting to Application History server at sandbox.hortomorks, com:8188/ws/v1/timeline/23/09/16 02:22:55 [NBO client_NBroov; Connecting to Application History server at sandbox.hortomorks, com:8188/ws/v1/timeline/23/09/16 02:22:55 [NBO input.FileInputFormat: Total input paths to process : 1
23/09/16 02:22:56 [NBO input.FileInputFormat: Total input paths to process : 1
23/09/16 02:22:56 [NBO input.FileInputFormat: Total input paths to process : 1
23/09/16 02:22:56 [NBO input.FileInputFormat: Total input paths to process : 1
23/09/16 02:22:58 [NBO input.Paths] [root@sandbox.hortomorks, com:808/proxy/application_1694576065863_0004
23/09/16 02:22:58 [NBO impl.varnClientTepl: Submitted application application_169451605861_0004
23/09/16 02:22:58 [NBO impl.varnClientTepl: Submitted application application_169451605863_0004
23/09/16 02:22:58 [NBO impl.varnClientTepl: Submitted application_16945160
```

```
Total magabyte mailiseconds taken by all reduce tasks=709250

Map-Reduce Framework  
Map input records=366

Map output bytes=12797

Map output materialized bytes=13533

Input split bytes=12897

Map output materialized bytes=13533

Input split bytes=1366

Reduce supput records=86

Reduce supput records=86

Reduce input groups=365

Reduce input groups=365

Reduce input records=855

Reduce input records=855

Spilled Records=730

Shuffled Maps = 1

Failed Shuffles=80

Merged Map outputs=365

Return input groups=365

Return input records=865

Spilled Records=736

Shuffled Maps = 1

Failed Shuffles=80

Merged Map outputs=366

Physical memory (bytes) snapshot=286739184

Virtual memory (bytes) snapshot=3889121024

Total committed heap usage (bytes)=135266304

Shuffle Frons

BAD ID=8

COMMECTION=8

INCOME JEDNES

ROUGH JEDNES

File Input Scrams Courters

Bytes Mritten=12797

File Day is Cold Day :2020812 - 23.4

The Day is Cold Day :2020812 - 23.4
```

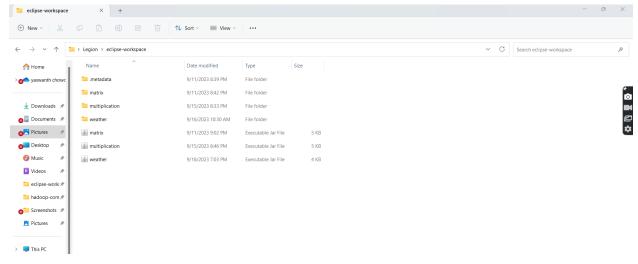
Output:

```
[cotesmandox - ] = | madeox | file - cat | Amenthmer_389 / cutsput/part. - m80000
| material by | sc Cold | Day | 20200001 | -21.8 |
| material by | sc Cold | Day | 20200001 | -21.8 |
| material by | sc Cold | Day | 20200001 | -21.8 |
| material by | sc Cold | Day | 202000001 | -21.8 |
| material by | sc Cold | Day | 202000000 | -21.8 |
| material by | sc Cold | Day | 202000000 | -30.8 |
| material by | sc Cold | Day | 202000000 | -30.8 |
| material by | sc Cold | Day | 202000000 | -30.8 |
| material by | sc Cold | Day | 202000000 | -24.3 |
| material by | sc Cold | Day | 202000000 | -24.3 |
| material by | sc Cold | Day | 202000010 | -24.3 |
| material by | sc Cold | Day | 202000010 | -24.3 |
| material by | sc Cold | Day | 202000010 | -24.3 |
| material by | sc Cold | Day | 202000010 | -24.3 |
| material by | sc Cold | Day | 202000010 | -24.3 |
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| material by | sc Cold | Day | 202000010 | -24.3 |
| material by | sc Cold | Day | 202000010 | -24.3 |
| material by | sc Cold | Day | 202000010 | -24.3 |
| material by | sc Cold | Day | 202000010 | -24.3 |
| material by | sc Cold | Day | 20200010 | -24.3 |
| material by | sc Cold | Day | 20200010 | -24.3 |
| material by | sc Cold | Day | 20200010 | -24.3 |
| material by | sc Cold | Day | 20200010 | -24.3 |
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| material by | sc Cold | Day | 20200010 | -24.3 |
| material by | sc Cold | Day | 20200010 | -24.3 |
| material by | sc Cold | Day | 20200010 | -24.3 |
| material by | sc Cold | Day | 20200010 | -24.3 |
| materi
```

Output file preview:



Jar File path location:



AP20110010289, T. YASWANTH CHOWDARY.