Lab 5 Exp 1
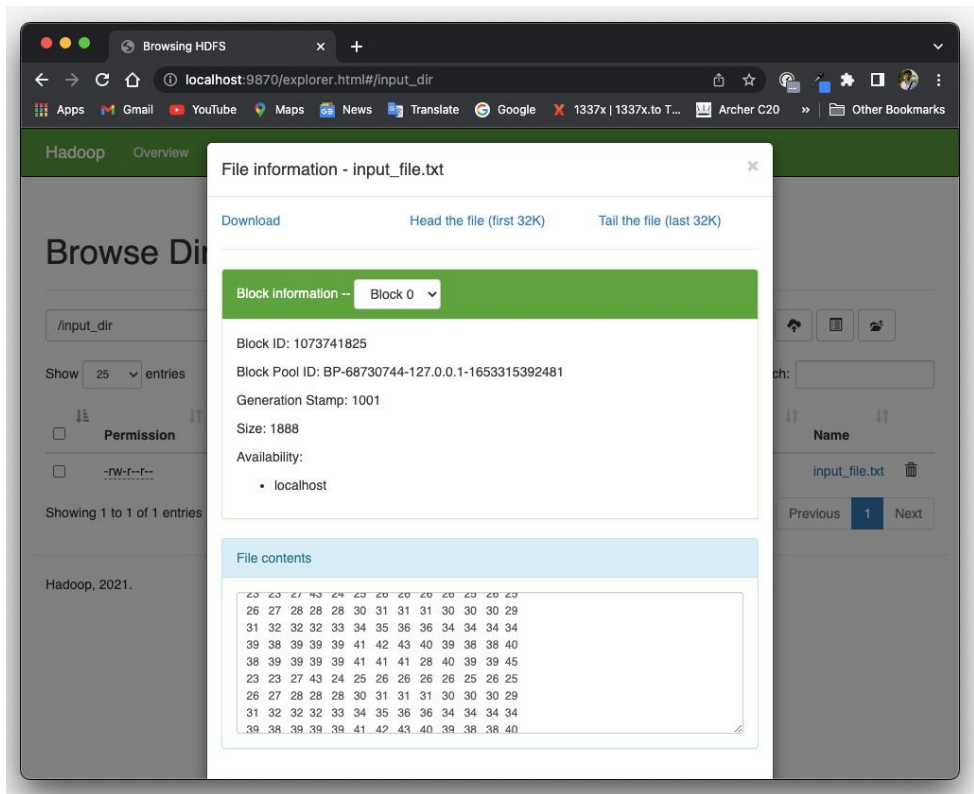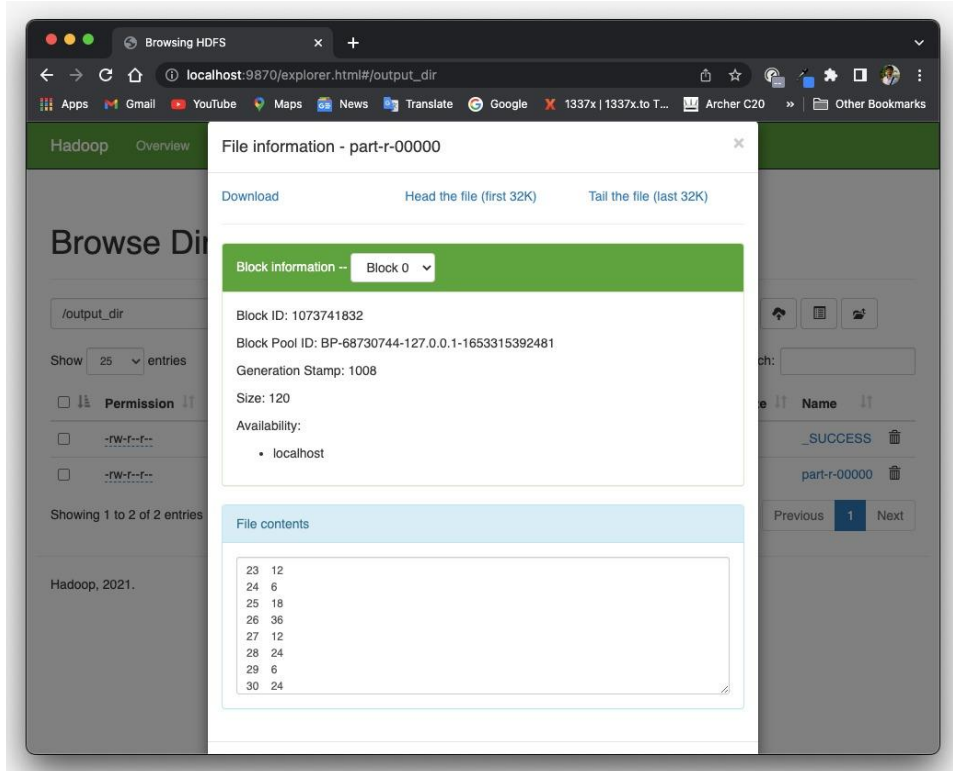
AIM: How to run MapReduce(Jar file) in Hadoop

```
2022-05-23 19:51:45,116 INFO mapreduce.Job: Running job: job_1653315347940_0001
2022-05-23 19:51:57,407 INFO mapreduce.Job: Job job_1653315347940_0001 running in uber mode : false
2022-05-23 19:51:57,409 INFO mapreduce.Job:   map 0% reduce 0%
2022-05-23 19:52:03,598 INFO mapreduce.Job:   map 100% reduce 0%
2022-05-23 19:52:10,678 INFO mapreduce.Job:   map 100% reduce 100%
2022-05-23 19:52:11,738 INFO mapreduce.Job: Job job_1653315347940_0001 completed successfully
2022-05-23 19:52:11,946 INFO mapreduce.Job: Counters: 50
        File System Counters
                FILE: Number of bytes read=195
                FILE: Number of bytes written=545631
                FILE: Number of read operations=0
                FILE: Number of large read operations=0
                FILE: Number of write operations=0
                HDFS: Number of bytes read=1999
                HDFS: Number of bytes written=120
                HDFS: Number of read operations=8
                HDFS: Number of large read operations=0
                HDFS: Number of write operations=2
                HDFS: Number of bytes read erasure-coded=0
        Job Counters
                Launched map tasks=1
                Launched reduce tasks=1
                Data-local map tasks=1
                Total time spent by all maps in occupied slots (ms)=3788
                Total time spent by all reduces in occupied slots (ms)=3789
                Total time spent by all map tasks (ms)=3788
                Total time spent by all reduce tasks (ms)=3789
                Total vcore-milliseconds taken by all map tasks=3788
                Total vcore-milliseconds taken by all reduce tasks=3789
                Total megabyte-milliseconds taken by all map tasks=3878912
                Total megabyte-milliseconds taken by all reduce tasks=3879936
        Map-Reduce Framework
                Map input records=30
                Map output records=390
                Map output bytes=2730
                Map output materialized bytes=195
                Input split bytes=111
                Combine input records=390
                Combine output records=21
                Reduce input groups=21
                Reduce shuffle bytes=195
                Reduce input records=21
                Reduce output records=21
                Spilled Records=42
                Shuffled Maps =1
                Failed Shuffles=0
                Merged Map outputs=1
                GC time elapsed (ms)=48
                CPU time spent (ms)=0
                Physical memory (bytes) snapshot=0
                Virtual memory (bytes) snapshot=0
                Total committed heap usage (bytes)=374341632
        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=1888
        File Output Format Counters
                Bytes Written=120
```