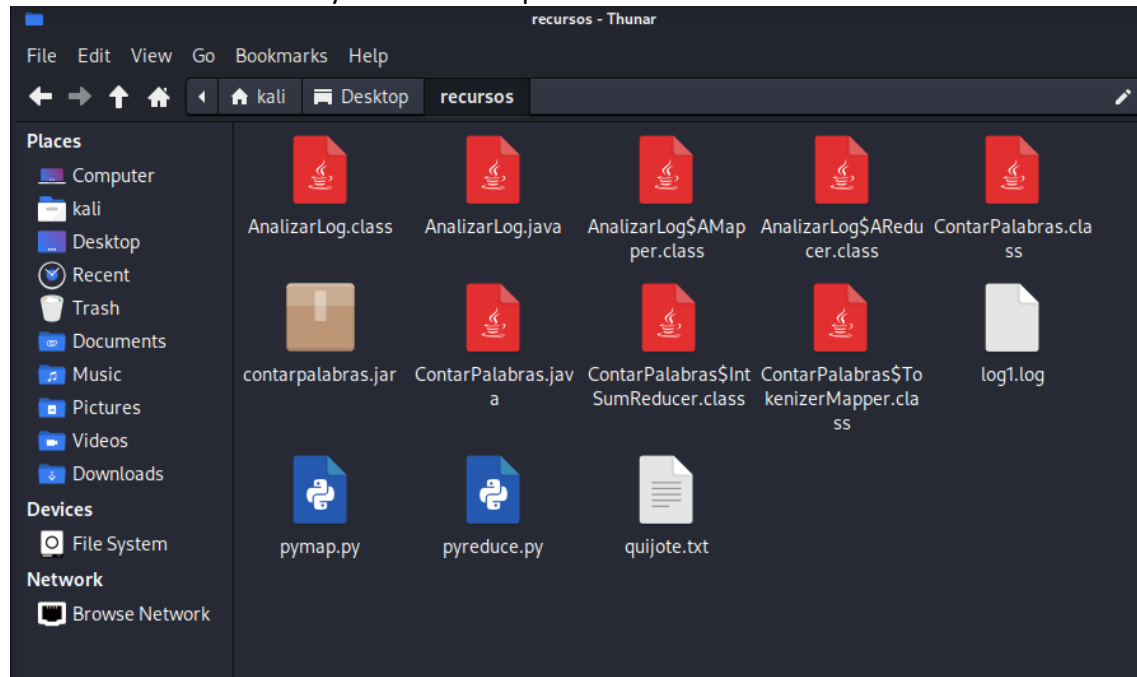


Solucion tarea 6 parte 2

Guardo los archivos de Python en la carpeta de recursos



Los hago ejecutables

```
\[e]0;\u@h: \w[a\][\033[;32m\]—(\[\033[1;34m\]\u@h\[\033[;32m\])—[\[\033[0;1m\]\w\[\033[;32m\]]\n\[\033[;32m\]
\[\033[1;34m\]\$[\033[0m\] chmod +x pypmap.py pyreduce.py
chmod: cannot access 'pyreduce.py': No such file or directory

\[e]0;\u@h: \w[a\][\033[;32m\]—(\[\033[1;34m\]\u@h\[\033[;32m\])—[\[\033[0;1m\]\w\[\033[;32m\]]\n\[\033[;32m\]
\[\033[1;34m\]\$[\033[0m\] chmod +x pyreduce.py
chmod: cannot access 'pyreduce.py': No such file or directory

\[e]0;\u@h: \w[a\][\033[;32m\]—(\[\033[1;34m\]\u@h\[\033[;32m\])—[\[\033[0;1m\]\w\[\033[;32m\]]\n\[\033[;32m\]
\[\033[1;34m\]\$[\033[0m\] chmod +x pyreduce.py

\[e]0;\u@h: \w[a\][\033[;32m\]—(\[\033[1;34m\]\u@h\[\033[;32m\])—[\[\033[0;1m\]\w\[\033[;32m\]]\n\[\033[;32m\]
\[\033[1;34m\]\$[\033[0m\] █
```

Ejecuto Hadoop Streaming

```
\[e]0;\u@h: \w[a\][\033[;32m\]—(\[\033[1;34m\]\u@h\[\033[;32m\])—[\[\033[0;1m\]\w\[\033[;32m\]]\n\[\033[;32m\]
\[\033[1;34m\]\$[\033[0m\] hadoop jar /home/kali/Desktop/hadoop/share/hadoop/tools/lib/hadoop-streaming-3.3.6.j
ar \
-files pypmap.py,pyreduce.py \
-mapper "python3 pypmap.py" \
-reducer "python3 pyreduce.py" \
-input /practicass/quijote.txt \
-output /resultado4

packageJobJar: [/tmp/hadoop-unjar12458442926707898018/] [] /tmp/streamjob17393654640415073573.jar tmpDir=null
2025-11-28 06:56:18,118 INFO client.DefaultNoHARMFailoverProxyProvider: Connecting to ResourceManager at localhost/
127.0.0.1:8032
2025-11-28 06:56:18,600 INFO client.DefaultNoHARMFailoverProxyProvider: Connecting to ResourceManager at localhost/
127.0.0.1:8032
2025-11-28 06:56:19,113 INFO mapreduce.JobResourceUploader: Disabling Erasure Coding for path: /tmp/hadoop-yarn/sta
ging/kali/.staging/job_1764324830287_0003
2025-11-28 06:56:20,445 INFO mapred.FileInputFormat: Total input files to process : 1
2025-11-28 06:56:20,994 INFO mapreduce.JobSubmitter: number of splits:2
2025-11-28 06:56:21,435 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1764324830287_0003
2025-11-28 06:56:21,436 INFO mapreduce.JobSubmitter: Executing with tokens: []
2025-11-28 06:56:22,000 INFO conf.Configuration: resource-types.xml not found
2025-11-28 06:56:22,000 INFO resource.ResourceUtils: Unable to find 'resource-types.xml'.
^[[B^[[B^[[B2025-11-28 06:56:22,183 INFO impl.YarnClientImpl: Submitted application_1764324830287_0003
2025-11-28 06:56:22,295 INFO mapreduce.Job: The url to track the job: http://kali:8088/proxy/application_1764324830
287_0003/
2025-11-28 06:56:22,301 INFO mapreduce.Job: Running job: job_1764324830287_0003
2025-11-28 06:56:35,416 INFO mapreduce.Job: Job job_1764324830287_0003 running in uber mode : false
2025-11-28 06:56:35,418 INFO mapreduce.Job: map 0% reduce 0%
2025-11-28 06:56:56,030 INFO mapreduce.Job: map 100% reduce 0%
2025-11-28 06:57:06,328 INFO mapreduce.Job: map 100% reduce 100%
```

Comprobamos los resultados

```
\[e]0;u@h: \w[a]\[\033[;32m\]—(\[\033[1;34m\]\u@h\[\033[;32m\])-[ \[\033[0;1m\
\]—\[\033[1;34m\]$ \[\033[0m\] hadoop fs -ls /resultado4
Found 2 items
-rw-r--r-- 1 kali supergroup 0 2025-11-28 06:57 /resultado4/_SUCCESS
-rw-r--r-- 1 kali supergroup 448894 2025-11-28 06:57 /resultado4/part-00000

\[e]0;u@h: \w[a]\[\033[;32m\]—(\[\033[1;34m\]\u@h\[\033[;32m\])-[ \[\033[0;1m\
\]—\[\033[1;34m\]$ \[\033[0m\] hadoop fs -cat /resultado4/part-00000 | head -n 50
!Mal 1
"Al 1
"Cuando 2
"Cuidados 1
"De 2
"Defects," 1
"Desnudo 1
"Dijo 1
"Dime 1
"Don 1
"Donde 1
"Dulcinea 1
"El 2
"Esta 1
"Harto 1
"Iglesia, 1
"Information 1
"Más 2
"No 5
"Nunca 1
"Plain 2
"Project 5
"Que 1
"Quien 1
"Right 1
"Salta 1
"Sancho 1
"Si 3
"Tened 1
"Toda 1
"Vengan 1
"Vete, 1
"Viose 1
"Vivo 1
"Vuestro 1
"Y 1
"a 3
"allí 1
"bebe 1
"caballeros 1
"cada 1
"castigame 1
"cortés, 1
```