Ex. No.: 4

Reg. No.: 210701092

User Defined Function(UDF) in PIG

Input(sample.txt):



demo_pig.pig:



Output for demo pig.pig:

```
2024-08-29 20:11:00,258 [main] WARN org.apache.hadoop.metrics2.impl.MetricsSyst
emImpl - JobTracker metrics system already initialized!
2024-08-29 20:11:00,261 [main] WARN org.apache.hadoop.metrics2.impl.MetricsSyst
emImpl - JobTracker metrics system already initialized!
2024-08-29 20:11:00,266 [main] WARN org.apache.hadoop.metrics2.impl.MetricsSyst
emImpl - JobTracker metrics system already initialized!
2024-08-29 20:11:00,277 [main] INFO org.apache.pig.backend.hadoop.executionengi
ne.mapReduceLayer.MapReduceLauncher - Success!
2024-08-29 20:11:00,285 [main] INFO org.apache.hadoop.conf.Configuration.deprec
ation - fs.default.name is deprecated. Instead, use fs.defaultFS
2024-08-29 20:11:00,286 [main] WARN org.apache.pig.data.SchemaTupleBackend - Sc
hemaTupleBackend has already been initialized
2024-08-29 20:11:00,301 [main] INFO org.apache.hadoop.mapreduce.lib.input.FileI
nputFormat - Total input files to process : 1
2024-08-29 20:11:00,301 [main] INFO org.apache.pig.backend.hadoop.executionengi
ne.util.MapRedUtil - Total input paths to process : 1
(Jeff)
(Rose)
(Robin)
(Nikki)
2024-08-29 20:11:00,371 [main] INFO org.apache.pig.Main - Pig script completed
in 8 seconds and 887 milliseconds (8887 ms)
```

uppercase_udf.py:

udf example.pig:

Output for udf_example.pig:

```
hadoop@jeff-VirtualBox:~/Documents$ hdfs dfs -cat /piginput/pig_output_data/part-m-00000
JEFF
ROSE
ROBIN
NIKKI
```