DSC 650 Inman, Gracie Week 2 03/24/24

# Exercise 2

# **HDFS Report**

```
Termination of the control of the co
```

### Load grades.csv

```
| Cast context | Leaf Name 720 81:53:57 GMT 2824 | |
| Name of Blocks: 9 | State | Report: Ned Mar 20 81:53:24 GMT 2824 |
| Name of Blocks: 9 | State | Report: Ned Mar 20 81:53:24 GMT 2824 |
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| Name of Blocks: 9 | State | Report: Ned Mar 20 81:54:25 GMT 2824 |
| Name of Blocks: 9 | State | Report: Ned Mar 20 81:54:25 GMT 2
```

#### Workers 1 + 2

```
precisions with in data - west-intense: /doc600-infa-wasin/belleve-bigstar/madoup-hive-spark-hased docker-compose exec worker1 bash bash-6.80 hdfs dfs -1x / SK40: Class path contains multiple SK40 bindings.
SK40: Town path officers multiple SK40 bindings.
SK40: Found binding in [jar:file:/usr/program/hadoop/homon/lb/s146-jog4j22-1.7.28.jar/org/s146/jimpl/StaticloggerBinder.class]
SK40: Found binding in [jar:file:/usr/program/hased/polyacoment/lb/s146/jog4j22-1.7.28.jar/org/s146/jimpl/StaticloggerBinder.class]
SK40: Found binding in [jar:file:/usr/program/hive/lib/sla6/jog4j22-1.7.28.jar/org/s146/jimpl/StaticloggerBinder.class]
SK40: See http://www.s146.jog4jog4os.tatleam/libcle_bindings for an explanation.
SK40: Actual binding is of type [org.:pi46] impl.[opsi-logerFactory]
SK40: Actual binding in [jar:fi46] impl.[opsi-logerFactory]
SK40: Actual binding in [jar:fi46] impl.[opsi-logerFactory]
SK40: Class path contains multiple SK40 bindings.
SK40: Found binding in [jar:fi46] impl.[opsi-logerFactory]
SK40: Actual binding in [jar:fi46] impl.[opsi-logerFactory]
SK40: Actual binding is of type [org.:pi46] impl.[opsi-logerFactory]
SK40:
```

### -help

```
### And Some Process of the Company 
exit
      appendToFile <localsrc> ... <dst> :
Appends the contents of all the given local files to the given dst file. The dst
file will be created if it does not exist. If <localSrc> is -, then the input is
read from stdin.
      eat [-ignoreCrc] <src> ...;
Fetch all files that match the file pattern <src> and display their content on
stdout.
      checksum <src> \dots:

Dump checksum information for files that match the file pattern <src> to stdout
```

# Three additional Commands

head

```
E.8# hdfs dfs -eat /grades.csv | head

: Class path contains multiple SLF4J bindings.

: Class path contains multiple SLF4J bindings.

Found binding in [jar:file:/usr/prograe/hadoop/common/lib/slf4j-log4j12-1.7.25.jar!/org/slf4j/impl/StaticloggerBinder.class]

*Found binding in [jar:file:/usr/prograe/hadoop/share/hadoop/common/lib/slf4j-log4j12-1.7.18.jar!/org/slf4j/impl/StaticloggerBinder.class]

*Found binding in [jar:file:/usr/prograe/lez/lib/slf4j-log4j12-1.7.18.jar!/org/slf4j/impl/StaticloggerBinder.class]

*Found binding in [jar:file:/usr/prograe/lez/lib/slf4j-log4j12-1.7.18.jar!/org/slf4j/impl/StaticloggerBinder.class]

*Actual binding is of type [org.slf4j.impl.log4] class papiamation.

*Actual binding is of type [org
```

- create, rename, and delete a directory.

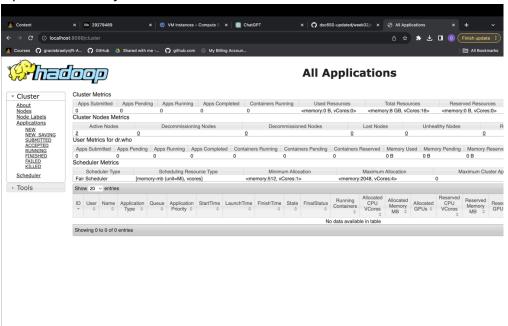
```
bant-Ord 100% aft. -mail: /mmillimeture; passings.

15.01 Feed bloods; 10 [in: fill:/mirringsen/besser/mark/seeg/common/lib/life]-lage[15-1,7.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.86.per/rep/life]/lage[15-11.
```

# Yarn List

```
hadop-nive-spat-habse exteril 1 is up-to-date
hadop-nive-spat-habse exteril 1 is up-to-date
hadop-nive-spat-habse exteril 1 is up-to-date
(practicimenship-data-execti-instance:-/dscode:infra-main/belevue-bigdata/hadoop-hive-spark-habse$ docker-compose exec master bash
| bash-5.8F yarn node -list
| bash-5.8F y
```

### **Updated Memory**



# MapReduce

```
SEX-HB-MA SILVIDS NOW ADDRESS JOB COUNTEYS 55

SILV System Counters

Filt Submoor of bytes read-SEX

Filt Submoor of system read-SEX
```

The Monte Carlo method was used to estimate PI. The estimated value of PI is 3.800. There are 2 mapper tasks and 10 samples per task. The significance of this exercise was to show how MapReduce was able to perform the computational task by splitting the computation to allow it to process a large calculation easily.