### Screenshots

### **Execution steps:**

```
Amagalas-MBP:NordCountV3 mangalakhandekars of NordCountV4.

Mangalas-MBP:NordCountV3 mangalakhandekars of NordCountV4.

Mangalas-MBP:NordCountV4 mangalakhandekars of NordCountV4.

Mangalas-MBP:NordCountV4 mangalakhandekars jar of NordCountV4.

Mangalas-MBP:NordCountV4 mangalakhandekars is of NordCountV4.

Mangalas-MBP:NordCountV4 mangalakhandekars is time hadoop jar NordCountV4.

Mangalas-MBP:NordCountV4 mangalakhandekars is time hadoop jar NordCountV4.

Mangalas-MBP:NordCountV4 mangalakhandekars is mangalakhandekar/stop_words.txt

1018-09-18 19144154,978 Nord NordCountV4.

Mangalas-MBP:NordCountV4 mangalakhandekars is mangalakhandekar/stop_words.txt

2018-09-18 19144154,978 Nord Nord Mangalakhandekars is mangalakhandekar/stop_words.txt

2018-09-18 19144154,978 Nord impl.NetricsConfig: loaded properties from hadoop-metrics2.properties

2018-09-18 19144156,873 Nor impl.NetricsSystemInpl: SobTracker metrics system started

2018-09-18 19144156,873 Nor impl.NetricsSystemInpl: SobTracker metrics system started

2018-09-18 19144156,472 Nor impl.NetricsSystemInpl: SobTracker metrics system started

2018-09-18 19144156,472 Nor impl.NetricsSystemInpl: SobTracker metrics system started

2018-09-18 19144156,472 Nor mapreduce.

2018-09-18 19144156,474 Nor mapreduce.

2018-09-18 19144156,474 Nor mapreduce.

2018-09-18 19144156,474 Normalakara Normalakara Normalakara Normalakara Normalakara Normal
```

### Input file creation on local and copying it to HDFS:

```
Mangalas-MBP:WordCountV1 mangalakhandekar$ hadoop fs -mkdir -p /user/mangalakhandekar/inputSimple

2018-09-18 18:50:36,744 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

Mangalas-MBP:WordCountV1 mangalakhandekar$ cd

Mangalas-MBP:\( \text{mangalakhandekar}\) hadoop fs -copyFromLocal Desktop/simpleFile1.txt /user/mangalakhandekar/inputSimple

2018-09-18 18:51:14,102 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

Mangalas-MBP:\( \text{mangalakhandekar}\) hadoop fs -copyFromLocal Desktop/simpleFile2.txt /user/mangalakhandekar/inputSimple

2018-09-18 18:51:22,630 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

Mangalas-MBP:\( \text{mangalakhandekar}\) hadoop fs -copyFromLocal Desktop/simpleFile3.txt /user/mangalakhandekar/inputSimple

2018-09-18 18:51:32,010 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

Mangalas-MBP:\( \text{mangalakhandekar}\) warn util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

Mangalas-MBP:\( \text{mangalakhandekar}\) warn util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

Mangalas-MBP:\( \text{mangalakhandekar}\) warn util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
```

# **Output Screenshots:**

Below screenshots are samples of output:

#### Dataset1:

**Word Count Program V1:** 

Bytes Written=100

```
real 0m3.847s
user0m9.809s
sys 0m0.608s
Mangalas-MBP: WordCountV1 mangalakhandekar$ hadoop fs -cat /user/mangalakhandekar/
outputSimple/wcV1Output/part-r-00000
2018-09-18 19:08:38,294 WARN util.NativeCodeLoader: Unable to load native-hadoop
library for your platform... using builtin-java classes where applicable
Bye 1
Goodbye 1
Hadoop
Hello
World
        2
and 1
bye 1
goodbye 1
hadoop
        2
        2
hello
        2
world
Mangalas-MBP: WordCountV1 mangalakhandekar$
```

#### **Word Count Program V2:**

Dy 000 m + 000 - 100

```
real 0m3.853s
user0m9.778s
sys 0m0.615s
Mangalas-MBP:WordCountV2 mangalakhandekar$ hadoop fs -cat /user/mangalakhandekar/
outputSimple/wcV2Output/part-r-00000
2018-09-18 19:10:20,514 WARN util.NativeCodeLoader: Unable to load native-hadoop
library for your platform... using builtin-java classes where applicable
Bye 1
Goodbye 1
Hadoop
        2
Hello
        2
World
and 1
bye 1
goodbye 1
hadoop
        2
hello
        2
world
Mangalas-MBP: WordCountV2 mangalakhandekar$
```

#### **Word Count Program V3:**

Bytes Written=59

```
real 0m4.092s
user 0m10.139s
sys 0m0.663s
Mangalas-MBP:WordCountV3 mangalakhandekar$ hadoop fs -cat /user/mangalakhandekar/outputSimple/
wcV30utput/part-r-00000
2018-09-18 19:12:17,859 WARN util.NativeCodeLoader: Unable to load native-hadoop library for
your platform... using builtin-java classes where applicable
! 1
and 1
bye 2
goodbye 2
hadoop 4
hello 4
world 4
. 1
```

#### **Word Count Program V4:**

DACES MITCHELL-22

```
real 0m4.019s
user 0m9.783s
sys 0m0.659s
Mangalas-MBP:WordCountV4 mangalakhandekar$ hadoop fs -cat /user/mangalakhandekar/
outputSimple/wcV4Output/part-r-00000
2018-09-18 19:15:47,698 WARN util.NativeCodeLoader: Unable to load native-hadoop
library for your platform... using builtin-java classes where applicable
bye 2
goodbye 2
hadoop 4
hello 4
world 4
Mangalas-MBP:WordCountV4 mangalakhandekar$
```

### DataSet2:

### **Word Count Program V1:**

```
вутеs written=4/ь
real 0m3.926s
user0m9.720s
sys 0m0.653s
Mangalas-MBP:WordCountV1 mangalakhandekar$ hadoop fs -cat /user/mangalakhandekar/
wcV10utput/part-r-00000
2018-09-18 15:57:37,685 WARN util.NativeCodeLoader: Unable to load native-hadoop
library for your platform... using builtin-java classes where applicable
Α
An
    2
And 1
Are 1
Because, 1
But 1
Elephant 1
HDFS 1
Hadoop
Hadoop. 1
He 2
Hive, 1
Impala, 1
King!
Or 1
        1
Sqoop.
The 1
        1
Useful 1
a
an
and 4
anything 1
at 1
bad,1
but 1
cling!
```

### **Word Count Program V2:**

## **Word Count Program V3:**

```
File input rormat counters
Bytes Read=425
File Output Format Counters
Bytes Written=391
```

```
real bm3 .85% user obs. 75% us
```

### **Word Count Program V4:**

Bytes Written=341

```
real Mm3.8875
user Mm9.7515
sys eme.6255
sys eme.6255
Monal Las-MDF:MorofCountV4 mangalakhandekar hadoop fs.-cat /user/mangalakhandekar/vcVLMSOytput/part-r-00000
Monal Las-MDF:MorofCountV4 mangalakhandekar hadoop library for your platform... using builtin-java classes where applicable
2 anything 1
are 1
at 1
at 1
at 1
cling 1
core1
data1
data1
deepant 2
elepant 1
elepant 3
extraneous 1
forgets 1
gentle 1
forgets 1
gentle 1
forgets 1
group 1
hadoop 3
hdfs1
he 3
helps 1
hive1
impala 1
in 1
kt/ng 2
mad 1
mad 1
metlow 1
never 2
plays 1
soogs 2
soogs 1
soogs 1
soogs 2
soogs 2
soogs 3
soogs 3
soogs 3
soogs 3
soogs 3
soogs 3
soogs 4
soogs 3
soogs 4
soogs 3
soogs 4
soogs 3
soogs 4
soog
```