

Session2 Assignment 1

Assignment 1

Check if /user/acadgild/hadoop directory is present or not?

It is not present

```
File Edit View Search Terminal Help
[acadgild@localhost ~]$ hadoop fs -ls /user/acadgild/hadoop
17/07/09 10:56:58 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform
asses where applicable
ls: `/user/acadgild/hadoop': No such file or directory
[acadgild@localhost ~]$
```

Check for the directory /user/acadgild

/user/acadgild is present.

```
[acadgild@localhost ~]$ hadoop fs -ls /user/acadgild
17/07/09 10:57:57 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform
asses where applicable
Found 2 items
drwxr-xr-x - acadgild supergroup 0 2015-11-17 02:03 /user/acadgild/oozie-acad
drwxr-xr-x - acadgild supergroup 0 2015-11-17 02:00 /user/acadgild/share
[acadgild@localhost ~]$
```

So, we will create the directory hadoop under /user/acadgild

```
[acadgild@localhost ~]$ hadoop fs -ls /user/acadgild
17/07/09 10:57:57 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform
asses where applicable
Found 2 items
drwxr-xr-x - acadgild supergroup 0 2015-11-17 02:03 /user/acadgild/oozie-acad
drwxr-xr-x - acadgild supergroup 0 2015-11-17 02:00 /user/acadgild/share
[acadgild@localhost ~]$
```

Check if the new folder got created or not?

```
[acadgild@localhost ~]$ hadoop fs -ls /user/acadgild/
17/07/09 10:59:37 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using built
asses where applicable
Found 3 items
drwxr-xr-x - acadgild supergroup 0 2017-07-09 10:59 /user/acadgild/hadoop
drwxr-xr-x - acadgild supergroup 0 2015-11-17 02:03 /user/acadgild/oozie-acad
drwxr-xr-x - acadgild supergroup 0 2015-11-17 02:00 /user/acadgild/share
[acadgild@localhost ~]$
```

Assignment 2

Create a file word-count.txt under /user/acadgild/hadoop/word-count.txt

```
[acadgild@localhost hadoop-2.6.0]$ hadoop fs -touchz /user/acadgild/hadoop/word-count.txt
17/07/09 23:16:13 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your pl
asses where applicable
[acadgild@localhost hadoop-2.6.0]$ █
```

Check if word-count.txt got created or not?

```
[acadgild@localhost hadoop-2.6.0]$ hadoop fs -ls /user/acadgild/hadoop/word-count.txt
17/07/09 23:21:42 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-jav
asses where applicable
-rw-r--r-- 1 acadgild supergroup          0 2017-07-09 23:16 /user/acadgild/hadoop/word-count.txt
[acadgild@localhost hadoop-2.6.0]$ █
```

Write to file word-count.txt from the words entered on the console

```
[acadgild@localhost hadoop-2.6.0]$ echo "This example is to show how to write into a hadoop file using the words entered on t
he console" | hadoop fs -appendToFile - /user/acadgild/hadoop/word-count.txt
17/07/09 23:24:02 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java cl
asses where applicable
[acadgild@localhost hadoop-2.6.0]$ █
```

Check the contents of the file word-count.txt

```
[acadgild@localhost hadoop-2.6.0]$ hadoop fs -cat /user/acadgild/hadoop/word-count.txt
17/07/09 23:25:32 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builti
asses where applicable
This example is to show how to write into a hadoop file using the words entered on the console
[acadgild@localhost hadoop-2.6.0]$ █
```