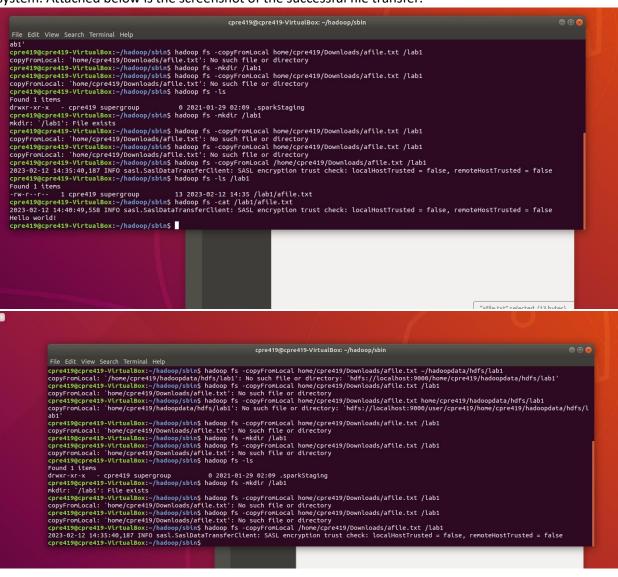
CPR E 419 Lab 1 Eranda Sooriyarachchi

Experiment 1

Experiment 1 was simply to create afile.txt and move it using Hadoop fs command to the Hadoop file system. Attached below is the screenshot of the successful file transfer.



HDFSWrite.java was successfully compiled and run on command line giving the following output:

```
at org.apache.hadoop.util.RunJar.main(RunJar.java:232)

Problems

cpre419@cpre419-VirtualBox:~/hadoop/sbin$ hadoop jar ~/Downloads/lab1.jar HDFSWrite

rors, 1 w. 2023-02-16 12:40:44,103 INFO sasl.SaslDataTransferClient: SASL encryption trust check: localHostTrusted = false, remoteHostTrusted = false

cpre419@cpre419-VirtualBox:~/hadoop/sbin$ 

scription Resource Path Location Type
```

Experiment 2

A java program to calculate the checksum was implemented. The source code has been included in the zipped folder. The below is a screenshot of the output of the program.

```
File Edit View Search Terminal Help
              -27
              49
M cpre419/
  5 public -14
   70
              123
  8
9
10
  11
  12
  13
  14
15
              -31
  16
17
18
19
              -124
             -32
109
 20
21
22
23
24
25
26
27
28
29
30
31
32
              - 39
              -39
              -76
              -46
              33
              -64
              - 5
- 83
  33
 34
35
             25
54
  36
 37
38
              41
              -78
  39
              114
  40
  41
              -108
  42
              13
  43
              - 49
  44 }
              35
  45
              -62
Problems Final Checksum
0 errors, 1 wa-4
             cpre419@cpre419-VirtualBox:~/hadoop/sbin$
Description
```