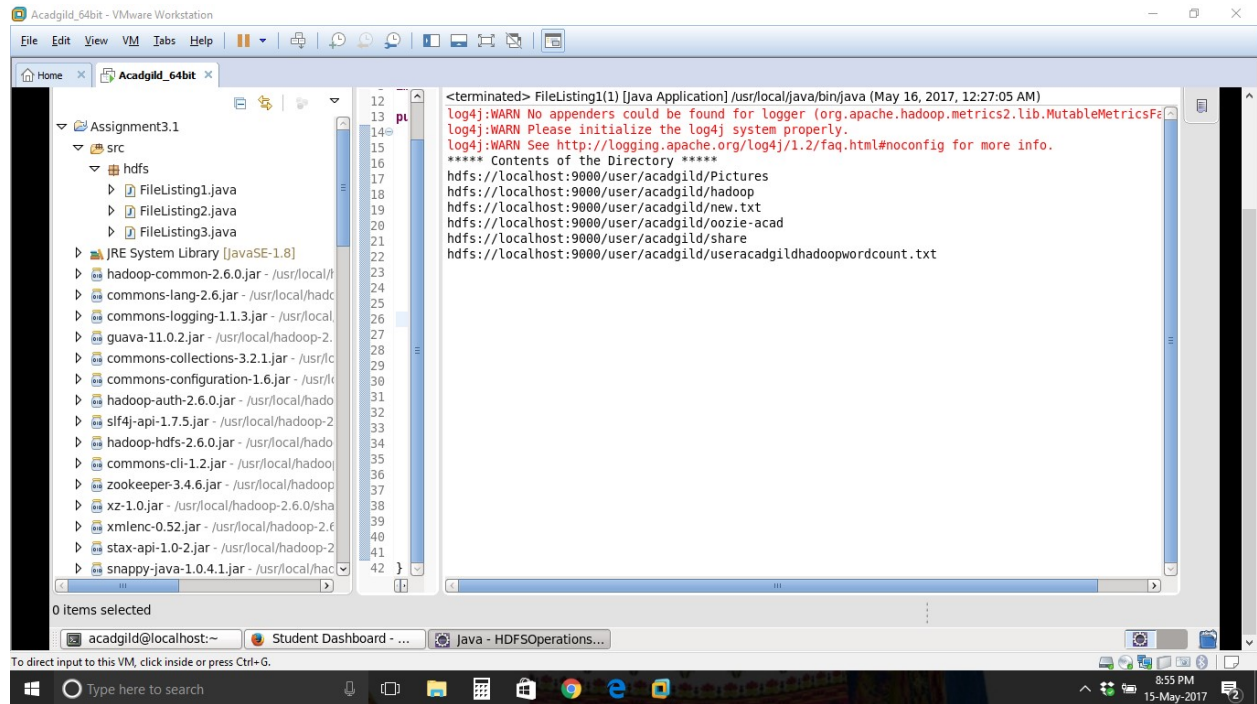


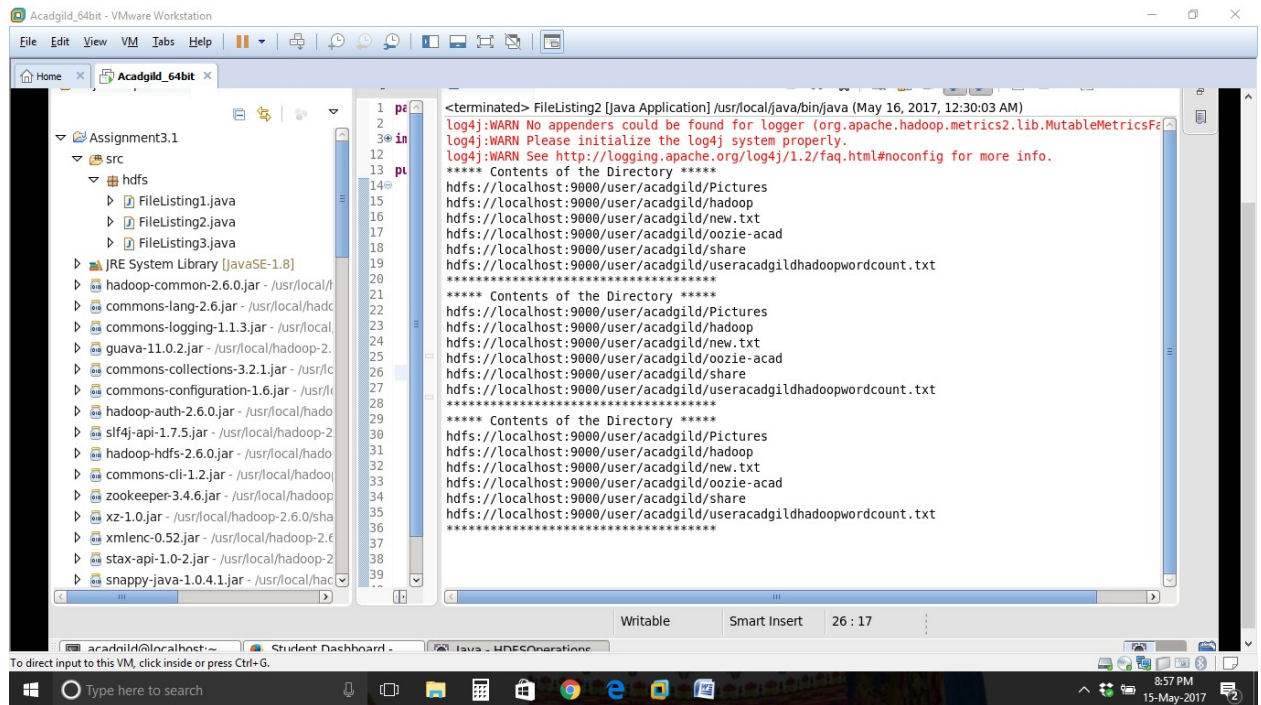
Assignment 3.1

1. Output for Java program in HDFS to list directories and subdirectories of a path passed as argument.



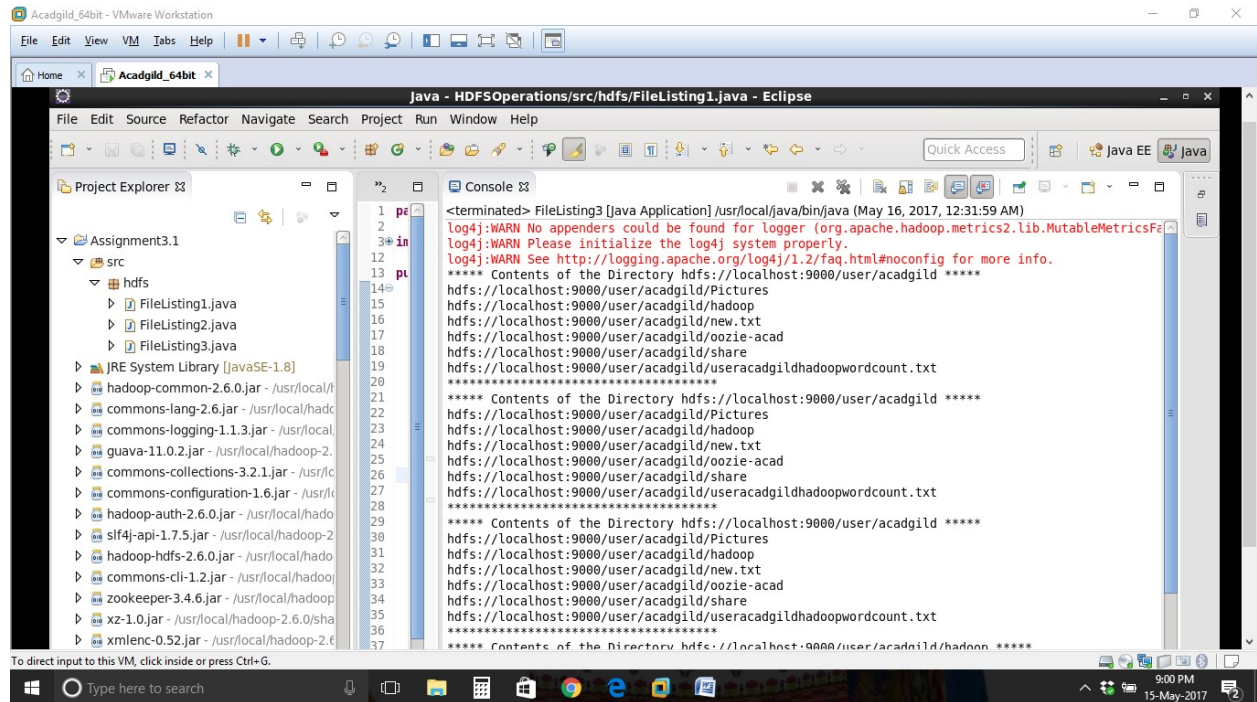
```
<terminated> FileListing1(1) [Java Application] /usr/local/java/bin/java (May 16, 2017, 12:27:05 AM)
log4j:WARN No appenders could be found for logger (org.apache.hadoop.metrics2.lib.MutableMetricsFe
log4j:WARN Please initialize the log4j system properly.
log4j:WARN See http://logging.apache.org/log4j/1.2/faq.html#noconfig for more info.
***** Contents of the Directory *****
hdfs://localhost:9000/user/acadgild/Pictures
hdfs://localhost:9000/user/acadgild/hadoop
hdfs://localhost:9000/user/acadgild/new.txt
hdfs://localhost:9000/user/acadgild/oozie-acad
hdfs://localhost:9000/user/acadgild/share
hdfs://localhost:9000/user/acadgild/useracadgildhadoopwordcount.txt
```

2. Output for Java program in HDFS to list directories and subdirectories of a path passed as argument recursively .

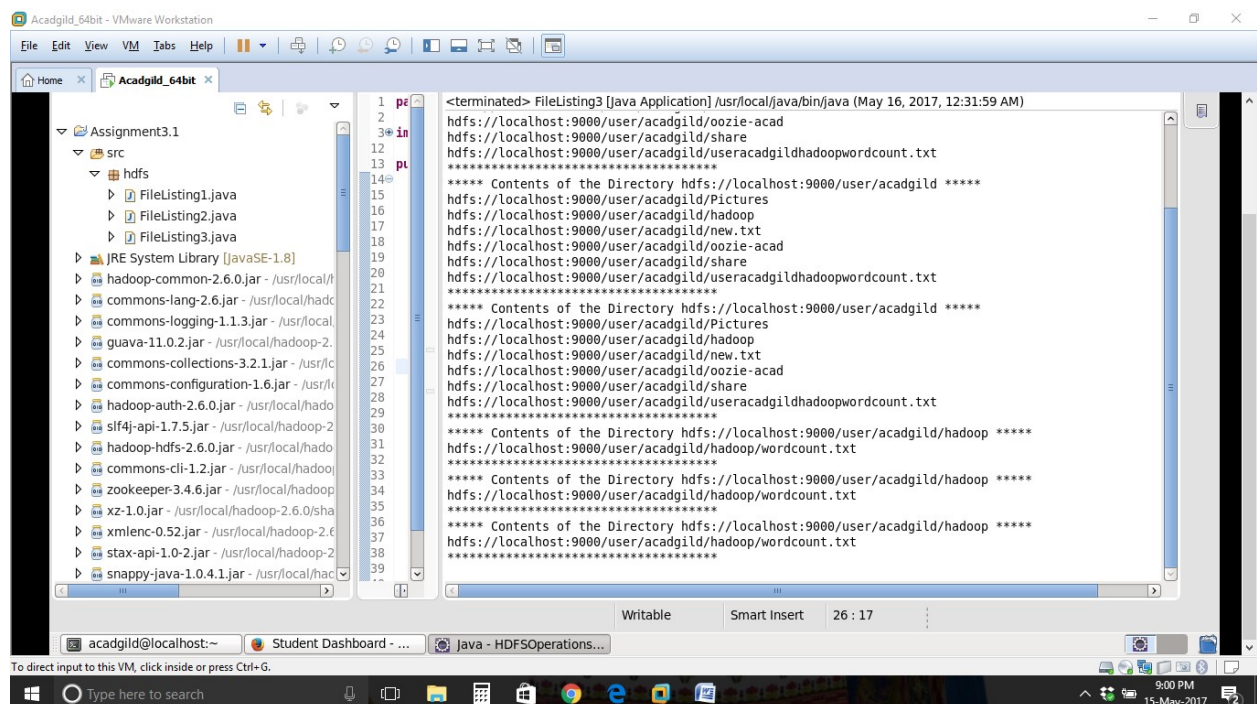


```
<terminated> FileListing2 [Java Application] /usr/local/java/bin/java (May 16, 2017, 12:30:03 AM)
log4j:WARN No appenders could be found for logger (org.apache.hadoop.metrics2.lib.MutableMetricsFe
log4j:WARN Please initialize the log4j system properly.
log4j:WARN See http://logging.apache.org/log4j/1.2/faq.html#noconfig for more info.
**** Contents of the Directory ****
hdfs://localhost:9000/user/acadgild/Pictures
hdfs://localhost:9000/user/acadgild/hadoop
hdfs://localhost:9000/user/acadgild/new.txt
hdfs://localhost:9000/user/acadgild/oozie-acad
hdfs://localhost:9000/user/acadgild/share
hdfs://localhost:9000/user/acadgild/useracadgildhadoopwordcount.txt
**** Contents of the Directory ****
hdfs://localhost:9000/user/acadgild/Pictures
hdfs://localhost:9000/user/acadgild/hadoop
hdfs://localhost:9000/user/acadgild/new.txt
hdfs://localhost:9000/user/acadgild/oozie-acad
hdfs://localhost:9000/user/acadgild/share
hdfs://localhost:9000/user/acadgild/useracadgildhadoopwordcount.txt
**** Contents of the Directory ****
hdfs://localhost:9000/user/acadgild/Pictures
hdfs://localhost:9000/user/acadgild/hadoop
hdfs://localhost:9000/user/acadgild/new.txt
hdfs://localhost:9000/user/acadgild/oozie-acad
hdfs://localhost:9000/user/acadgild/share
hdfs://localhost:9000/user/acadgild/useracadgildhadoopwordcount.txt
**** Contents of the Directory ****
```

3. Output for Java program in HDFS to list directories and subdirectories of different paths passed as argument recursively



```
<terminated> FileListing3 [Java Application] /usr/local/java/bin/java (May 16, 2017, 12:31:59 AM)
log4j:WARN No appenders could be found for logger (org.apache.hadoop.metrics2.lib.MutableMetricsFactory).
log4j:WARN Please initialize the log4j system properly.
log4j:WARN See http://logging.apache.org/log4j/1.2/faq.html#noconfig for more info.
**** Contents of the Directory hdfs://localhost:9000/user/acadgild ****
hdfs://localhost:9000/user/acadgild/Pictures
hdfs://localhost:9000/user/acadgild/hadoop
hdfs://localhost:9000/user/acadgild/new.txt
hdfs://localhost:9000/user/acadgild/oozie-acad
hdfs://localhost:9000/user/acadgild/share
hdfs://localhost:9000/user/acadgild/useracadgildhadoopwordcount.txt
**** Contents of the Directory hdfs://localhost:9000/user/acadgild ****
hdfs://localhost:9000/user/acadgild/Pictures
hdfs://localhost:9000/user/acadgild/hadoop
hdfs://localhost:9000/user/acadgild/new.txt
hdfs://localhost:9000/user/acadgild/oozie-acad
hdfs://localhost:9000/user/acadgild/share
hdfs://localhost:9000/user/acadgild/useracadgildhadoopwordcount.txt
**** Contents of the Directory hdfs://localhost:9000/user/acadgild ****
hdfs://localhost:9000/user/acadgild/Pictures
hdfs://localhost:9000/user/acadgild/hadoop
hdfs://localhost:9000/user/acadgild/new.txt
hdfs://localhost:9000/user/acadgild/oozie-acad
hdfs://localhost:9000/user/acadgild/share
hdfs://localhost:9000/user/acadgild/useracadgildhadoopwordcount.txt
**** Contents of the Directory hdfs://localhost:9000/user/acadgild/hadoop ****
```



```
<terminated> FileListing3 [Java Application] /usr/local/java/bin/java (May 16, 2017, 12:31:59 AM)
hdfs://localhost:9000/user/acadgild/oozie-acad
hdfs://localhost:9000/user/acadgild/share
hdfs://localhost:9000/user/acadgild/useracadgildhadoopwordcount.txt
**** Contents of the Directory hdfs://localhost:9000/user/acadgild ****
hdfs://localhost:9000/user/acadgild/Pictures
hdfs://localhost:9000/user/acadgild/hadoop
hdfs://localhost:9000/user/acadgild/new.txt
hdfs://localhost:9000/user/acadgild/oozie-acad
hdfs://localhost:9000/user/acadgild/share
hdfs://localhost:9000/user/acadgild/useracadgildhadoopwordcount.txt
**** Contents of the Directory hdfs://localhost:9000/user/acadgild ****
hdfs://localhost:9000/user/acadgild/Pictures
hdfs://localhost:9000/user/acadgild/hadoop
hdfs://localhost:9000/user/acadgild/new.txt
hdfs://localhost:9000/user/acadgild/oozie-acad
hdfs://localhost:9000/user/acadgild/share
hdfs://localhost:9000/user/acadgild/useracadgildhadoopwordcount.txt
**** Contents of the Directory hdfs://localhost:9000/user/acadgild/hadoop ****
hdfs://localhost:9000/user/acadgild/hadoop/wordcount.txt
**** Contents of the Directory hdfs://localhost:9000/user/acadgild/hadoop ****
hdfs://localhost:9000/user/acadgild/hadoop/wordcount.txt
**** Contents of the Directory hdfs://localhost:9000/user/acadgild/hadoop ****
hdfs://localhost:9000/user/acadgild/hadoop/wordcount.txt
**** Contents of the Directory hdfs://localhost:9000/user/acadgild/hadoop ****
hdfs://localhost:9000/user/acadgild/hadoop/wordcount.txt
```