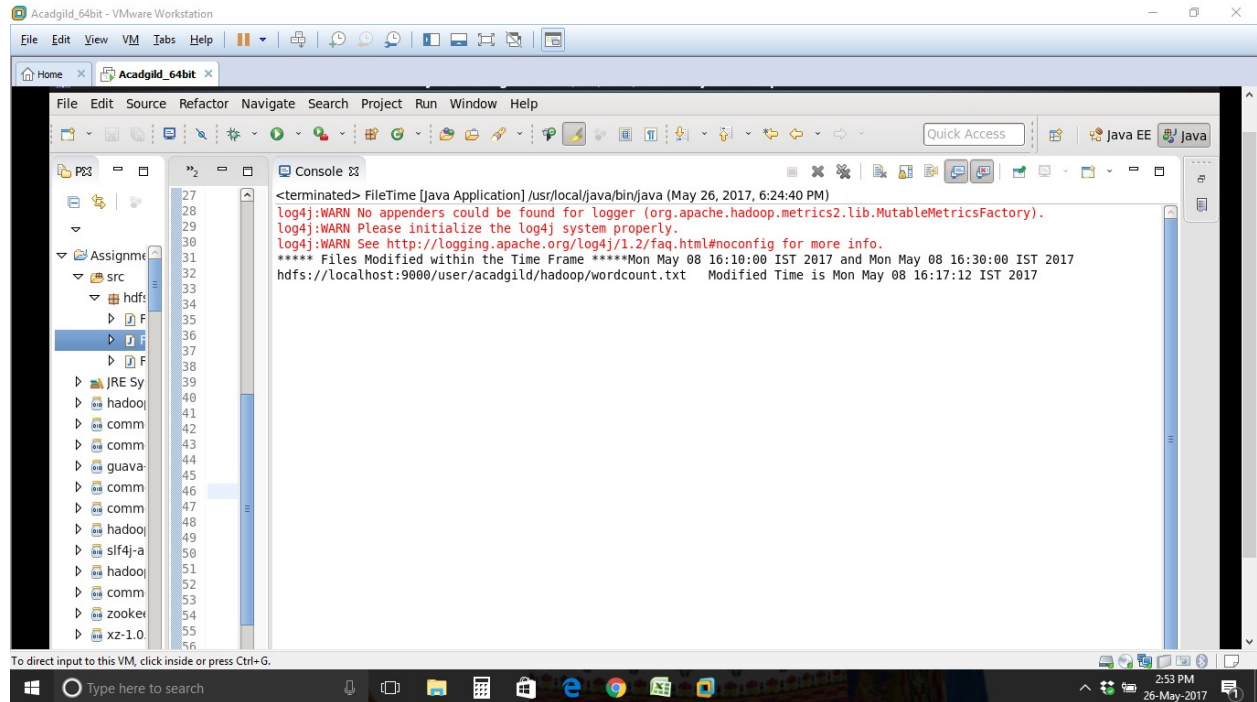


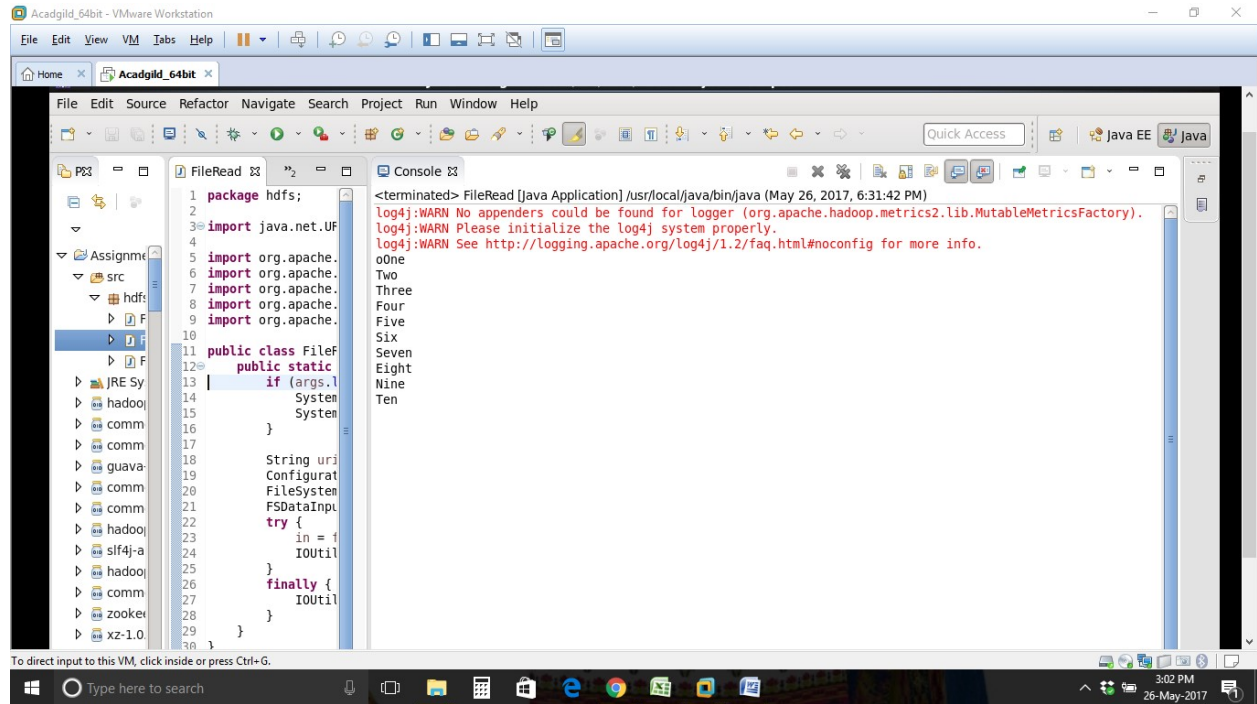
Assignment 3.2 – Task 4

Output Screen Shot for Java program in HDFS to list file in directory and subdirectory modified within a start and end Time Stamp.



Assignment 3.2 – Task 5

Output screenshot for Java Program to read contents of file in HDFS



The screenshot shows a Java IDE window titled "Acadgild_64bit - VMware Workstation". The IDE has a menu bar (File, Edit, View, VM, Tabs, Help) and a toolbar. The left sidebar shows a project tree with folders like "src", "hdfs", and "FileRead". The main editor displays a Java file named "FileRead.java" with the following code:

```
1 package hdfs;
2
3 import java.net.URI;
4
5 import org.apache.hadoop.conf.Configuration;
6 import org.apache.hadoop.fs.FileSystem;
7 import org.apache.hadoop.fs.FileStatus;
8 import org.apache.hadoop.fs.Path;
9
10
11 public class FileRead {
12     public static void main(String[] args) {
13         if (args.length > 0) {
14             String uri = args[0];
15             Configuration conf = new Configuration();
16             FileSystem fs = FileSystem.get(URI.create(uri), conf);
17             FileStatus[] fileStatuses = fs.listStatus(new Path(uri));
18             for (FileStatus fileStatus : fileStatuses) {
19                 System.out.println(fileStatus.getPath().getName());
20             }
21         }
22     }
23 }
```

The console output on the right shows the following messages:

```
<terminated> FileRead [Java Application] /usr/local/java/bin/java (May 26, 2017, 6:31:42 PM)
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.
oOne
Two
Three
Four
Five
Six
Seven
Eight
Nine
Ten
```

The bottom status bar of the IDE shows the text "To direct input to this VM, click inside or press Ctrl+G." and the system clock indicates "3:02 PM 26-May-2017".

Assignment 3.2 - Task 6

Output screenshot for Java program to copy a file from local file system to HDFS

