Review: FileIO

File writing:

```
public static void writeWordsToNewFile(ArrayList<String> words, String outputFilename) {

try

fileOutputStream fileOutStream = new FileOutputStream(outputFilename);

BufferedOutputStream bufferedOutStream = new BufferedOutputStream(fileOutStream);

for (String s : words)

{
    String output = String.format(format:"%s\r\n", s);
    bufferedOutStream.write(output.getBytes());
}

bufferedOutStream.close();
fileOutStream.close();

fileOutStream.close();

system.err.println(e.getMessage());
}

System.err.println(e.getMessage());
}
```

File Reading 1:

```
public static String whatIsTheWord(String inputFilename, int wordNumber) {
    try
{
    FileInputStream fileInput = new FileInputStream(inputFilename);
    BufferedInputStream inputStream = new BufferedInputStream(fileInput);

    String[] file = new String(inputStream.readAllBytes()).split(regex:" ");

    inputStream.close();

    if (wordNumber >= 0 && wordNumber < file.length)
    {
        return file[wordNumber];
    }

    catch (IOException e)
    {
        System.err.println(e);
    }

    return null;
}</pre>
```

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File Reading 2:

```
//This method should look through the file and find words that are of appropriate size

public static ArrayList<String> findWordsOfThisSize(String inputFilename, int wordSize) {

    ArrayList<String> words = new ArrayList<String>();
public static ArrayList<String> JustReadFile(String inputFilename)
            byte[] bytes = inputStream.readAllBytes();
            file = new String(bytes).split(regex:" ");
                  String[] splitNewline = splitSpace.split(regex:"\r\n");
for (String split : splitNewline)
            inputStream.close();
```

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File Reading 3:

Testing Output:

```
aboon
agraffe
overspecialized
unravelling
prostrating
wampish
passkeys
invisibleness
Ending tests for copyWordsToNewFile method
Starting tests for findWords method
Ending tests for findWords method
Press any key to continue . . .
```

I couldn't figure out how to use the Scanner to read a file without it echoing the output to the terminal. Other than that all the tests executed correctly.