

Step 2.

So, you can access and printout a line.

We need to access tokens in each line. As designed, there are three, each separated by a comma.

So, now (we can comment out the printing of the entire line, if we wish) we need to see if we can get a complete token and print it out (for verification). A token is a president's name, the question, and the complexity per line. We need to, of course, process the entire file.

Before we can proceed with anything else in the program, we need to ensure that we can get to this point.

RR

See added code:

```
±while ( ( CurrentLine = fileHandle.readLine() ) != null )
{
    System.out.println(CurrentLine);
    StringTokenizer st = new StringTokenizer(CurrentLine, ",");
    ±while (st.hasMoreTokens())
    {
        currenttoken = st.nextToken();
        System.out.println("    "+Currenttoken);
    } // end while
} // end outer while
fileHandle.close();
```

and my output looks like: (after a couple of mistakes, I might add...)

Here is my first java attempt using JGrasp

```
Who was the first US President?, George Washington, 1
    Who was the first US President?
    George Washington
    1
Who was the second US President?, John Adams,1
    Who was the second US President?
    John Adams
    1
Who was the third US President?,Thomas Jefferson, 1
    Who was the third US President?
    Thomas Jefferson
    1
Who was the fourth US President?, James Madison,1
    Who was the fourth US President?
    James Madison
    1
Who was the sixteenth US President?, Abraham Lincoln,1
    Who was the sixteenth US President?
    Abraham Lincoln
```

```
1
jGRASP: operation complete.
```

You can see I am getting the tokens...

Now, let me see the problem description to see what I should attack next.
Perhaps creating more objects ... I will see.

```
1/4/4
```