Assignment 1

Create a Java class named **Assignment1** (1 mark deduction if not).

The package name should be **assignment1**.

==*Please note the case sensitivity. The class name should start with an uppercase **A** and the package name should start with a lowercase **a**.==

It is to have a main method that calls each of the static methods below (2 marks deducted if not)

Task 1: 6 marks

Create a static method named task1

1) Ask the user for a file name (You will automatically add the txt extension to the file name) **(1 mark)**
2) Ask the user for text content to add to the file. **(1 mark)**
3) Write or append to the file in Step 1) the text content in Step2) **(4 marks)**

Task 2: 14 marks

Create a static method named task2

1) Ask the user for a relative path value. **(1 mark)**
2) Determine if the relative path exists **(3 marks)**
   a) If not found:
      i) output to Standard Error an appropriate message and end the program **(1 mark)**

   b) If found:
      i) Output the count of all files and folders found. This count should include subdirectories. Output a total count, a file count and a directory count. **(9 marks)**

      Please scroll to next page to see an example

Example:

If the current working directory structure is:

```
out
        (empty)
src
        comp1008
                wk1
                        (empty)
                wk2
                        Week2a.java
                        Week2b.java
                wk3
                        (empty)
        comp1011
                wk1
                        Box.java
                        BoxRunner.java
                wk2
                        Shoe.java
                        ShoeRunner.java
        properties.cnf
```

And

User input: "./" (The current working directory)
Program Output: There are 16 total files and directories; 7 files & 9 directories.

Marking
Please submit _one_ **.java** source files on Blackboard when you are finished.
Name the package however you desire.