Verificate by manually calculating the number of Lines, Words, Uppercase letters, and Characters.

Testcase1:
Use Assignment2 article as input.
Execute .\'HW2-1.exe' test1 on Windows environment.
Result should be

Line	14
Word	465
Uppercase	57
Character	117

Result:

```
PS D:\SystemC\SystemC\HW2> & .\'HW2-1.exe' test1
test1.txt Open success

There are
Lines      :14
Characters:465
Uppercases:57
Words      :117

test1.txt Open success

UPPER.txt Write success
```

Uppercase write is also pass!!

Testcase2:
Write some special cases in it.
Execute .\'HW2-1.exe' test2 on Windows environment.
Result should be

Line	12
Word	211
Uppercase	29
Character	40

Result:

```
PS D:\SystemC\SystemC\HW2> & .\'HW2-1.exe' test2
test2.txt Open success

There are
Lines      :12
Characters:211
Uppercases:29
Words      :40

test2.txt Open success

UPPER.txt Open success
UPPER.txt Write success
```

Uppercase write is also pass!!

Testcase3:

Use Minecraft server file as input.

Execute .\'HW2-1.exe' test3 on Windows environment.

Result should be

Line	58
Word	1030
Uppercase	9
Character	66

Result:

```
PS D:\SystemC\SystemC\HW2> & .\'HW2-1.exe' test3
test3.txt Open success

There are
Lines     :58
Characters:1030
Uppercases:9
Words     :66

test3.txt Open success


UPPER.txt Open success
UPPER.txt Write success
```

Uppercase write is also pass!!

Testcase4:

Use doesn't exist file as input.

Execute .\'HW2-1.exe' test4 on Windows environment.

Result should be "can't open such file"

Result:

```
PS D:\SystemC\SystemC\HW2> & .\'HW2-1.exe' test4
test4.txt Open failure

test4.txt Open failure
```

Testcase5:

Use test1 file as input but delete the UPPER.txt.

Execute .\'HW2-1.exe' test4 on Windows environment.

Result should be the same as testcase1 and generate an UPPER.txt file

Result:

```
PS D:\SystemC\SystemC\HW2> & .\'HW2-1.exe' test1
test1.txt Open success

There are
Lines     :14
Characters:465
Uppercases:57
Words     :117

test1.txt Open success


UPPER.txt Open success
UPPER.txt Write success
```