

Input:

```
[application_type]
```

```
read [file_name]
```

```
...
```

Output:

```
// if [application_type] is “text application” and there is a valid text document  
with file name [file_name]
```

```
[content]
```

```
// if [application_type] is “spreadsheet application” and there is a valid  
spreadsheet document with file name [file_name]
```

```
[content]
```

```
// if the specified document does not exist or is not valid
```

```
Failed to read [file_name]
```

Comment:

```
[application_type] must be one of the followings:
```

```
text application
```

```
spreadsheet application
```

A spreadsheet document is valid only if it follows the comma-separated values (CSV) text format. Each record should consist of the same number of fields, and the fields are separated by commas.

The document files are placed in the same directory as the Java files.

You are asked to write a main function in Class Main

We'll test your program through "java Main inputFile"

e.g java Main sampleInput

You should read input from file.

And show output to standard output.

Sample input and output are in the folder.

Upload:

Please push your source code to the master branch of your team's homework Gitlab repository.

The folder structure should be:

```
[dir] DocumentViewerApplication  
=> [dir] Team7  
=>      Main.java  
=>      *.java (optional)  
=>      [name of test case].in  
=>      [name of test case].out
```

You won't receive any point if you didn't follow the directory structure or main class name or compressed format!

document1.txt

DOCUMENT1

Spreadsheet1.csv

First Name,Last Name

Adam,Lin

Bob,Chen

Sample Input

text application

read document1.txt

read document2.txt

spreadsheet application

read spreadsheet1.csv

Sample Output

DOCUMENT1

Failed to read document2.txt

First Name,Last Name

Adam,Lin

Bob,Chen