CS136: Computer Science II – Fall 2017

Homework	Points	Announced	Due
#7	3[1]	Oct-21	Oct-30

Instructions

Read the following instructions carefully **before** working on this assignment.

1. This is an **individual** assignment. You may discuss ideas, ask questions or explain things to each other. Nevertheless, you should solve the assignments independently.
2. Submissions via email will not be accepted. The homework should be submitted via BBLearn by the due date.
3. You should submit your own work. Material brought from elsewhere (e.g. the Internet[2], a classmate, submission at a previous offering…) is not acceptable.
4. Submit .Java files. No .class files. No .jar files. No archives (e.g. .zip, .rar…).
5. A program that doesn't compile will earn **zero** points.

Questions

[30 points] Question #1

Write a Java program Find (Find.java) that searches all files specified on the command line and prints out all lines containing a specified word. For example, if you call

```
java Find ring report.txt address.txt Homework.java
```

then the program might print

```
report.txt: has broken up an international ring of DVD
address.txt: Kris Kringle, North Pole
address.txt: Homer Simpson, Springfield
Homework.java: String filename;
```

The target word is always the first command line argument.

Grading Rubric	
Item	Points
Correctly extracting command-line arguments	6
Handling an arbitrary number of files	9
Proper use of Try / Catch	6
Outputting lines containing the specified word	6
Closing files	3
Non-compiling programs	0
Lack of comments	-3

With best wishes

Dr. Mohamed Elwakil

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[1] The homework will be graded out of 30 points, but it is worth 3% (i.e. 3 points) of the overall course score.
[2] Unless explicitly told to do so.