HOMEWORK: **Extra Credit** *(20 points)*
DUE DATE: **Tuesday March 20, 2015**

Description:
1. Implement a class `ExtraCredit` that provides the following class method:
   `int evalPostfix (String[] postfix, String[] variables, String[] values)`
2. This method will evaluate a postfix expression using variable/value list. For example:
   a. postfix -> { "value1", "value2", "+", "3", "*" }
   b. variables -> { "value1", "value2" }
   c. values -> { "1", "2" }
   d. evalPostfix returns 9
3. Generate a runtime exception if a variable is not found or malformed expression.
4. Provide a main that will use your `InfixExpression` class in project #3 to convert an infix to postfix expression and input this expression along with a variable/value list into your `evalPostfix` for evaluation.

Turn in:
1. Email the <u>source code</u> with the file name `flast-ExtraCredit.java`
   (ex. `tnguyen-ExtraCredit.java`) to tvnguyen7@cpp.edu with the subject: cs240w15 ec.
   Don't name your class `flast-ExtraCredit`. Rename the file before submitting.

Grading Guide:
- 90%: Program correctness
- 10%: Coding – efficiency, style, comments, formats

Notes:
1. The following information is required in the beginning of every source file.

```
//
//   Name:        Last, First
//   Extra Credit:    #
//   Due:         date
//   Course:      cs-240-02-w15
//
//   Description:
//           A brief description of the project.
//
```

2. The submission **<u>must</u>** be legibly printed.