

## words FRQ

SHOW ALL YOUR WORK. REMEMBER THAT PROGRAM SEGMENTS ARE TO BE WRITTEN IN JAVA.

Assume that the classes listed in the Java Quick Reference have been imported where appropriate.

Unless otherwise noted in the question, assume that parameters in method calls are not *null* and that methods are called only when their preconditions are satisfied.

In writing solutions for each question, you may use any of the accessible methods that are listed in classes defined in that question. Writing significant amounts of code that can be replaced by a call to one of these methods will not receive full credit.

An array of *String* objects, *words*, has been properly declared and initialized. Each element of *words* contains a *String* consisting of lowercase letters (a–z).

Write a code segment that uses an enhanced for loop to print all elements of *words* that end with "ing". As an example, if *words* contains {"ten", "fading", "post", "card", "thunder", "hinge", "trailing", "batting"}, then the following output should be produced by the code segment.

*fading*

*trailing*

*batting*

Write the code segment as described above. The code segment must use an enhanced *for* loop to earn full credit and you may assume all words have a length of 3 or more.