Problem #1:

1. Write a method called findMax().
   1. It accepts an array of integers as a parameter.
   2. It should find and return the largest value in the array.
   3. Write this method using a **for each loop**.

Problem #2:

1. Write a method called countWords.
   1. It should accept two parameters: a String, and an array of Strings.
   2. It should return the number of times the given String appears in the Array.

Ex.

String s = “Moose”;

String[] words = {“Cat”, “Dog”, “Moose”, “Cow”, “Moose”, “Bee”};

countWords(s, words); //should return 2

Problem #3:

1. Write a method called removeEWords.
   1. It should accept an array of Strings as a parameter.
   2. It should return an array that contains all the Strings from the input that do not contain an “e”.
   3. Hint: use the contains() method to determine if a String contains a character or substring.

Ex.

String[] words = {“Dog”, “Beef”, “Teeth”, “Cat”, “Rat”};

removeEWords(words); // returns {“Dog”, “Cat”, “Rat”};