AP® COMPUTER SCIENCE A
2016 SCORING GUIDELINES

Question 2: Log Messages

Part (a) `LogMessage` constructor	**2 points**

Intent: *Initialize instance variables using passed parameter*

   +1 Locates colon

   +1 Initializes instance variables with correct parts of the parameter

Part (b) `containsWord`	**2 points**

Intent: *Determine whether description properly contains a keyword*

   +1 Identifies at least one properly-contained occurrence of `keyword` in `description`

   +1 Returns `true` if and only if `description` properly contains `keyword`
         Returns `false` otherwise (*no bounds errors*)

Part (c) `removeMessages`	**5 points**

Intent: *Remove log messages containing keyword from system log list and return these messages in a new list*

   +1 Accesses all items in `messageList` (*no bounds errors; point lost if no removal attempted*)

   +1 Identifies keyword-containing entry using `containsWord`

   +1 Adds all and only identified entries to new list (*point lost if original order not maintained*)

   +1 Removes all identified entries from `messageList` (*point lost if* `messageList` *reordered*)

   +1 Constructs and returns new `ArrayList<LogMessage>`