**Question 2: Log Messages**

| Total Scored out of 9 |  |
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**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 message List reordered)

+1 Constructs and returns new ArrayList <LogMessage>