

NAME: _____

TRISECT INSTITUTE**J3D2**

DATE: _____

Job Oriented Java**ARRAY AND
STRING**

Problem 1	Given an array of string as input. Print number of strings with length > 2.	
LengthGreaterThanOr2		
Test Cases	Input	Output
	{ "a", "ab", "abc", "abcd", "2345" }	3

Problem 2	Given an array of string as input. Print total number of chars in the array.	
TotalChars		
Test Cases	Input	Output
	{ "aba", "ab", "d" }	6

Problem 3	Given an array of string as input. Each string in the array should be doubled. So "abc" becomes "abcbac".	
StringDouble		
Test Cases	Input	Output
	{ "a", "0", "23" }	{ "aa", "00", "2323" }

Problem 4	Given an array of string as input. Print the longest string.	
LongestString		
Steps	1) Before for loop: Create a variable named 'maxLen' and 'maxStr'. Assign 'maxStr' with the value of first string from array and store it's length in 'maxLen' (We assume this is the string with max length).	
	2) Loop: Loop through all strings.	
Test Cases	3) Inside for loop: Check if any string length is greater than the 'maxLen' then update 'maxStr' and 'maxLen'.	
	4) Outside for loop: Print final value of 'maxStr'.	
Test Cases	Input	Output
	{ "aba", "a", "abcde", "abc" }	"abcde"

Problem 5	Given an array of string as input. Create a new array of strings which have length > 2.	
StringDouble2		
Steps	<ul style="list-style-type: none"> Count strings that have length greater than 2 Create a new array with this count Loop through the original array again and copy strings with length greater than 2 to new array. 	
Test Cases	Input	Output
	{ "trisect", "is", "fun" }	{ "trisect", "fun" }