

NAME: _____

TRISECT INSTITUTE**J5B2**

DATE: _____

Job Oriented Java**FUNCTIONS 2**

Problem 1.1	Write a function getTotalA() that takes a string as input and returns the total number of a's in the input string.	
GetTotalA		
Test Cases	Input	Return Value
	getTotalA("abc")	1
	getTotalA("banana")	3
Problem 1.2	Write a function printTotalA() that takes an array of string as input and prints the total number of character 'a' in all the strings combined. Note: Use getTotalA() function from problem 1.1	
PrintTotalA		
Test Cases	Input	Output
	printTotalA({"a", "abef", "abaca", "bcd"})	5

Problem 2	Write a function largestA() that takes an array of string as input and prints the string which has the largest number of a's. Note: Use getTotalA() function from problem 1.1	
LargestA		
Test Cases	Input	Output
	largestA({"aba", "abaa", "aab"})	"abaa"

Problem 3.1	Write a function that takes a string and character as input. It then returns the count of this character in input string.	
CountChar		
Test Cases	Input	Return Value
	countChar("good", 'g')	1
	countChar("banana", 'n')	2
Problem 3.2	Write a function equalAandB() that takes an array of string as input and prints all the strings which have equal number of a's and b's. Note: Use countChar() function from problem 3.1	
EqualAnB		
Test Cases	Input	Output
	equalAandB({"aab", "aabb", "bad"})	aabb bad