

NAME: \_\_\_\_\_

**TRISECT INSTITUTE****J5C2**

DATE: \_\_\_\_\_

**Job Oriented Java****FUNCTIONS 3**

<b>Problem 1.1</b>	<b>Write a function firstThree() that takes a string as input and returns a string containing only first three characters from the input string. Assume input string has at least 3 characters</b>	
<b>FirstThree</b>		
<b>Test Cases</b>	<b>Input</b>	<b>Return Value</b>
	firstThree("abcd")	"abc"
	firstThree("daycare")	"day"
<b>Problem 1.2</b>	<b>Write a function printFirstThree() that takes an array of string as input and prints the first three characters of every string. Note: Use firstThree() function from problem 1.1</b>	
<b>PrintFirstThree</b>		
<b>Test Cases</b>	<b>Input</b>	<b>Output</b>
	printTotalA({"abef", "abacd", "bcd"})	abe aba bcd

<b>Problem 2.1</b>	<b>Write a function cleanString() that takes a string as input and return a new string containing only alphabets from input string. Assume string contains only lowercase letters or digits.</b>	
<b>CleanString</b>		
<b>Test Cases</b>	<b>Input</b>	<b>Return Value</b>
	cleanString("2mad3")	"mad"
<b>Problem 2.2</b>	<b>Write a function print2() that takes an array of string as input and prints every string after cleaning (removing digits from them). Note: Use cleanString() function from problem 2.1</b>	
<b>Print2</b>		
<b>Test Cases</b>	<b>Input</b>	<b>Output</b>
	print2({"ben10", "2sad"})	ben sad

<b>Problem 3.1</b>	<b>Write a function numberSeries() that takes n as input and returns a string in following pattern: "123....n"</b>	
<b>NumberSeries</b>		
<b>Test Cases</b>	<b>Input</b>	<b>Return Value</b>
	numberSeries(2)	"12"
	numberSeries(5)	"12345"
<b>Problem 3.2</b>	<b>Write a function seriesArray() that takes an array of integers as input and creates a new string array. Each integer n in array have a corresponding string number series "123.....n" stored at same location in string array. Note: Use numberSeries () function from problem 3.1</b>	
<b>SeriesArray</b>		
<b>Test Cases</b>	<b>Input</b>	<b>Output</b>
	seriesArray({1,4,2})	{"1", "1234", "12"}