

NAME: _____

TRISECT INSTITUTE**J2C2**

DATE: _____

Job Oriented Java**STRING:
COMMON
PROBLEMS 2**

Problem 1	Given a string as input. Create a new string containing double the characters from input string.	
ConvertPattern		
Test Cases	Input	Output
	"world"	"wwoorr1l1dd"

Problem 2	Given a string as input. Create a new string according to following pattern.	
PrintPattern		
Test Cases	Input	Output
	"cat"	c ca cat

Problem 3	Given a string as input. Reverse it.	
ReverseString		
Test Cases	Input	Output
	"a"	"a"
	"trisect"	"tcesirt"
	"1234"	"4321"

Problem 4	Given a string as input. Create a new string containing characters that are present at even numbered position in input string.	
ConvertPattern1	Note: We'll add character at 0th position also.	
Test Cases	Input	Output
	"neha"	"nh"
	"trisect"	"tiet"

Problem 5	Given a string as input containing uppercase and lowercase characters. Create a new string that shifts all uppercase chars in front and lowercase at back.	
AdjustChars1		
Test Cases	Input	Output
	"CatBatMat"	"CBMatatat"
	"XaYbZc"	"XYZabc"

Problem 6	Given a string as input containing digits, uppercase and lowercase characters. Create a new string that shifts all digits in front, lowercase in middle and uppercase at the end.	
AdjustChars2		
Test Cases	Input	Output
	"Won100"	"100onW"
	"sFact10AST"	"10sactFAST"