

NAME: _____

TRISECT INSTITUTE**JLAB-R4**

DATE: _____

Job Oriented Java

Task 1	Given n as input. Print following pattern using For loop.	
Test Cases	Input	Expected Output
	n = 2	2 21
	n = 5	5 54 543 5432 54321

Task 2	Given a string as input. Create a new string in which every occurrence of digit is replaced by '#' and every capital letter is doubled.	
Test Cases	Input	Output
	"Top20"	"TTop##"
	"car"	"car"
	"Hello"	"HHe1100"
	"1GOAL9"	"#GG00AALL#"

Task 3	Given a string as input. Print the reverse of input string in following pattern.	
Test Cases	Input	Expected Output
	"who"	who#ohw
	"code"	code#edoc

Task 4	Given a string as input. Print patterns according to following set of test cases.	
Test Cases	Input	Output
	"java"	*j **a ***v ****a
	"89"	*8 **9