Task 1.1	Create a function named countInRange that takes a String as input and prints the total number of characters from input string that fall in the range of 'a'-'d' or 'A'-'D'.	
Test Cases	**Input**	**Expected Output**
	"Work"	In Range=0
	"Fax"	In Range=1
	"CODE"	In Range=2
Task 1.2	Given a string array as input. Use countInRange function from Task 1.1 and for each string in this input array print total number of characters from that fall in the range of 'a'-'d' or 'A'-'D'	
Test Cases	**Input**	**Expected Output**
	{"TEST", "car", "AbaCus"}	In Range=0 In Range=2 In Range=4

Task 2	Create a function named decode that takes an integer n and a string as input. If: • n = 0 and character is '#' then it replaces it with 'a' • n = 0 and character is '*' then it replaces it with 'e' • n = 1 and character is '#' then it replaces it with 'i' • n = 1 and character is '*' then it replaces it with 'o'	
Test Cases	**Input**	**Expected Output**
	"h*llo", 0	hello
	"c#r*", 0	care
	"s*l#d", 1	solid

Task 3	Create a function named extractArrays that takes two integer arrays as input. It then prints the sum of all elements that fall in the range of 25-75 from both the arrays.	
Test Cases	**Input**	**Expected Output**
	{69,31,77}, {26,0}	Total Sum = 126
	{51, 81}, {100,20}	Total Sum = 51

Task 4	Create a function named pattern that takes an integer n as input. It then prints following pattern on screen.	
Test Cases	**Input**	**Expected Output**
	n = 2	1** **2
	n = 4	1**** ****2 3**** ****4