String related problems (Total 15 questions)

Sample Input "My name is andy" "Abc 123 7&*&*"	g without using any library function. Sample Output 15 13	*
"My name is andy" "Abc 123 7&*&*"	15	- - -
"Abc 123 7&*&*"		
	13	
]
gram in C to concatenate two strings	Write a program in C to concatenate two strings without using any library function.	
Sample Input	Sample Output	
"My name " "is andy"	"My name is andy"	
"123abc" "*A*B"	"123abc*A*B"	
3. Write a program in C to count how many vowels are there in a string.		
Sample Input	Sample Output	
"My name is andy"	4	-
"Are you READY yet?"	7]
Write a program in C to count the number of words in a string.		*
Sample Input	Sample Output	
"My name is andy"	4	
"Abc 123 7&*&*"	3	
	Sample Input "My name" "is andy" "123abc" "*A*B" gram in C to count how many vowels Sample Input "My name is andy" "Are you READY yet?" gram in C to count the number of wo Sample Input "My name is andy"	Sample Input "My name" "is andy" "123abc" "*A*B" gram in C to count how many vowels are there in a string. Sample Input "My name is andy" 4 "Are you READY yet?" To sample Input Sample Input Sample Input Sample Sample Output "My name is andy" 4 "Are you READY yet?" To sample Input Sample Input Sample Output 4 "My name is andy" 4 "My name is andy" 4

5.	Write a program in C to find the reverse of a string.		**
	Sample Input	Sample Output	
	"My name is Andy"	"ydnA si eman yM"	
	"Abc 123 7&*&*"	"*&*&7 321 cbA"	
6.	Write a program in C to convert lowercase string to uppercase.		*
	Sample Input	Sample Output	
	"My name is andy"	"MY NAME IS ANDY"	
	"& I am 20 years old"	"& I AM 20 YEARS OLD"	
7.	Write a program in C to toggle the case of each character in a string.		*
	Sample Input	Sample Output	
	"My name is Andy"	"mY NAME IS aNDY"	
	"& I am 20 Years old"	"& i AM 20 yEARS OLD"	
8.	Write a program in C to sort a string array in alphabetic order.		**
	Sample Input	Sample Output	
	"My name is Andy"	" AMadeimnnsyy"	
	"Abc 123 7&*&*"	" &&**1237Abc"	
9.	Write a program in C to count the occurrences of a character in a string regardless of its case.		*
	Sample Input	Sample Output	1

"My name is Andy" 'a'	2	
-		
"WELCOME to CSE, everyone" 'E'	6	
Write a program in C to check whether a string is a palindrome or not.		**
Sample Input	Sample Output	
"My name is andy"	no	
"madam"	yes	
Write a program in C to add the digits in a string.		**
Sample Input	Sample Output	
"I am 20 years old"	2	
"Abc 123 7&*&*"	13	
12. Write a program in C to count occurrences of a word in a string.		
Sample Input	Sample Output	
"I liked the story about the sad giant" "the"	2	
"It is what it is" "it"	1	
13. Write a program in C to remove all repeated characters in a string.		
Sample Input	Sample Output	
"i like programming in C"	"i lkeprogamnC"	
	Vrite a program in C to check whether a string is Sample Input "My name is andy" "madam" Vrite a program in C to add the digits in a string. Sample Input "I am 20 years old" "Abc 123 7&*&*" Vrite a program in C to count occurrences of a w Sample Input "I liked the story about the sad giant" "the" "It is what it is" "it" Vrite a program in C to remove all repeated chains and the sample Input Sample Input	Vrite a program in C to check whether a string is a palindrome or not. Sample Input "My name is andy" no "madam" yes Vrite a program in C to add the digits in a string. Sample Input "I am 20 years old" "Abc 123 7&*&*" 13 Vrite a program in C to count occurrences of a word in a string. Sample Input Sample Output "I liked the story about the sad giant" "the" "It is what it is" "it" Vrite a program in C to remove all repeated characters in a string. Sample Input Sample Output Sample Output Sample Output Sample Output Sample Output

	"My name is Andy"	"My nameisAd"	
14.	Write a program in C to find the maximum occurring character in a string.		***
	Sample Input	Sample Output	
	"Welcome to CSE"	E (or e)	
	"mmmttssarrrddd"	D (or d)	
	"mmmttssarrrDDd"	D (or d)	
15.	. Write a program in C to reverse the words in a string.		***
	Sample Input	Sample Output	
	"My name is Andy"	"Andy is name My"	
	"Abc 123 7&*&*"	"7&*&* 123 Abc"	
		1	