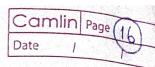
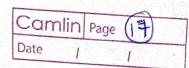
String: is a sequence of characters, terminated with a null character '\0' In c++, string is a sequence of characters of an object class. This does is called AtdisAtring 1. To ready a string which contains whitespaces

getline() function is used: getline (cin, str, 'ln'); The above function readys the input data from standard input and stored it in the 'str', until a new line has been entered 2. <u>stringstream()</u>: associates a string object with a stream allowing you to read from the string as if it were a stream (like (in). X20 count the number of words in a string: int countwords (string x+x) stringstream s (str);
string word;

costruos tris while (s>> word) count ++; return count; String concatenation: Using 't' operator we can String SI = "fam"? String S2 = "ely"; cout << si+s2 << endl? 4. compare (: str. compare (stra) returns Zero if both the strings are equal. clearce: cleare the contents of a string empty(): streempty() thecks whether a string is empty. ASCII value of 'a': 97 'A' : 65 · 'a' - 'A': 32 (The difference between the upper case & lower case letters).



	Date 1
X	Using above logic we can convert the given
V .	Atring from lower care to offer acres
	Vice-versa.
Lode : 5	for (int i=0; it s. size(); i+4)
	if (S[i] 7'a' && s[i] < 'z')
	S[î] = S[î] - 32 °
10	\
*	The Above code converts the given string from lower case to upper case. Similarly:
	the code given below converts the string from upper case to lower case
15	100.77 Opportunity to touch cont.
	for (int i=p; i\ s.size(); i++)
	if (STiJ > 'A' && STiJ 3 17')
20	S[i] +=32;
20	
•>	Using transform () which is a built-in
	- (ranform (Slobegina, Steenda, Slobegina),
25	V cotoppes/



3 Biggest ox largest possible Number from a numeric Given: string st: "76899";
we have to return: "99876"; so, the approach hear is to sort the string in decending order (Decreasing order to the characters) St. Sort (St. begins), st. end (), greater < int >(); ? max frequency of a character in a given string: first, we will declare an array of size 26 (26 characters in english). will set all 26 location to Qo we assume that the given string contains only lower care letters for (int 1200 id Sosige(); i++) freg[S[i]-iai] ++; ex: s[i] = 'a', so, freg ['a'-'a'] = freg [0]++

	Camlin Page Date /
•>	std: prev(): returns a piterator pointing tothe element after being advanced by certain no of
	element after being advanced og certain of positions in the reverse direction.
	positions in the reverse acres
e× 6 5	To remove a character from the string
	last
	(1/2 22/12));
	> s.erate (prev(s.end()))
10	
15	
20	
dispisal to reven	
25	
•	