

Offline-3 (B1)

In this offline assignment, you have to implement the following library functions of the “string.h” header file:

Serial	Function	Description
1	strlen (str)	Returns the length of the string str.
2	strcpy (str1, str2)	Copies the string str2 to the string str1 and returns the length of the copied string.
3	strcat (str1, str2)	Concatenates the string str2 onto the end of the string str1, stores the concatenated string in str1 and returns the length of str1.
4	strcmp (str1, str2)	Compares str1 with str2, returns 0 if str1 and str2 are the same; less than 0 if str1<str2; greater than 0 if str1>str2.
5	strlwr (str)	Converts the string str to lower case and returns the lower case string of str.
6	strupr (str)	Converts the string str to upper case and returns the upper case string of str.
7	strchr (str, ch)	Returns the pointer to the first occurrence of the character ch in the string str.
8	strstr (str1, str2)	Returns the first occurrence of the string str2 in the string str1.
9	strrstr (str1, str2)	Returns the last occurrence of the string str2 in the string str1.
10	strrev (str)	Reverses the given string str, stores the reversed string in str and returns the length of the reversed string.