January 2025 CSE 102

Online on Strings & Function [A1+A2]

Duration: 60 minutes

Take a string (the range of the string length is [1, 1000]) as input. Your **main task** is to print the longest substring that includes no vowels (i.e., A, E, I, O, U, a, e, i, o, and u) & numeric characters (i.e., 0-9). If there are multiple such substrings, print the last one**.** If you find no such substring, then print "**No Substring**".

Implement a function with prototype **int No_Vowel_Number(char str[])** that will return 1 if **str** includes no vowels and numeric characters. Call this function in the main function to achieve your main task.

You can only use the strlen, strcmp, strcat, and strcpy functions from the string.h library.

Sample I/O:

Input	Output
abcdefgh	fgh
a1e2i3o9u0	No Substring
abbcddeffggi	bbcdd

Explanation: Consider the first test case. There are two longest substrings with length 3 that include no vowels and numeric values. Those are "bcd" and "fgh". So, output will be "fgh".