

Lab 12 Pointer (2)

Please test the correctness of your programs using PASS.

In this lab, the length of all the input cstrings are less than 100.

Question-1.

Write a program including a function called **deleteStr** (char* str, char delete_char). The return type is char pointer. The function is used to delete all the given delete_char existing in the given input string str. Use dynamic allocation to arrange space for the return cstring.

Note:

1. Use cin.get (delete_char) to get the input character because the char could be space.
2. You may first traverse the string str to record the number of given chars, making it convenient to set the size of dynamic array.
3. You can assume that the input strings str and char delete_char are not null.
4. Spaces can exist at the beginning or end of the input string.
5. No need to output the comment “//The input char is space” showed in the example 1.

Expected Outcomes:

Example 1
Enter the input string: <u>we are happy</u> Enter the input delete_char: <u>_</u> //The input char is space The modified string is: wearehappy
Example 2
Enter the input string: <u>what date is it today</u> Enter the input delete_char: <u>t</u> The modified string is: wha dae is i oday
Example 3
Enter the input string: <u>_count the number of it</u> Enter the input delete_char: <u>u</u> The modified string is: cont the nmber of it