

LABWORK 7.3

In this labwork, an implementation is expected according to the functions described below.

NOTE: No library functions allowed.

Function 1 (40 pts): This function should check whether the given string is a palindrome or not.

- Name of the function: isPalindrome
- Return type: int
- Input parameters: 1 char
- **Do not** print anything in this function.

Note: A series of characters that reads the same both forward and backward is called a palindrome. When referring to strings, a palindrome is any word, phrase, number, or other character sequence that maintains its original meaning even when its characters are switched around. For instance, "radar" and "level" are examples of palindromic strings since their reading order is the same from left to right and left to right.

```
palindrome = "Yeditepe"
The string is not a palindrome.
```

Function 2 (40 pts): This function should trim the '*' characters at the end of the given string value.

- Name of the function: strTrim
- Return type: void
- Input parameters: 1 char
- **Do not** print anything in this function.

```
myString = "***Trim***"  
Trimmed String: ***Trim
```

Main Function (20 pts):

- Name of the function: main
- Return type: int
- Input parameters: none
- Two char array must be defined. (One for function 1, one for function 2)
- This function should determine whether or not the given string is a palindrome, it must be printed to the terminal.
- The specified string value should have the desired characters trimmed at the end by this function and it must be printed to the terminal.

```
The string is not a palindrome.  
Trimmed String: ***Trim
```

Restrictions

- If you are not sure something is free to use or not please ask your assistant
- You have to do your job by the functions given to you. If you complete the labwork without using functions, your work will not be graded.
- Mobile phone and internet usage are not allowed.
- You can only access yulearn and online c-compiler <https://www.onlinegdb.com/>
- Do not forget to select a language if you use onlinegdb. When you finish your work, you can download your code by using download code button on top of the window.



Submission

- Submit your C file with the format "**name_surname.c**" (use your name and surname)
- Do not submit a word document, text file or executable (a.out)