

Python LAB Assignments

Assignment #2

1. Write a Python program to test whether a passed letter is a vowel or not.
 2. Write a Python program to print out a set containing all the colors from color_list_1 which are not present in color_list_2.
color_list_1 = set(["White", "Black", "Red"])
color_list_2 = set(["Red", "Green"])
 3. Write a Python program to solve $(x + y) * (x + y)$.
 4. Write a Python program to calculate the sum of the digits in an integer.
 5. Write a Python program to calculate the length of a string.
 6. Write a Python program to get a single string from two given strings, separated by a space and swap the first two characters of each string.
Sample String : 'abc', 'xyz'
Expected Result : 'xyc abz'
 7. Write a Python program to remove the n^{th} index character from a nonempty string.
 8. Write a Python script that takes input from the user and displays that input back in upper and lower cases.
 9. Write a Python function to insert a string in the middle of a string.
 10. Write a Python program to print the floating numbers upto 2 decimal places with a sign.
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