

JC1001 Practical / Lab 5 – Strings and Lists

In this practical you will be working with Strings and List. For each exercise, write a function that receives the parameters and returns values as described.

- 1) Write a function that receives a string as a parameter and returns the text in the string without vowels.

e.g. `print(withoutVowels("No Vowels please"))`
returns n v w ls pl s

- 2) Write a function that receives a list of integers and returns a list that only contains odd numbers from the original list.
- 3) Rewrite the function from exercise 2 to use list comprehension. If you have already used list comprehension, rewrite the function to use a for loop.
- 4) Write a function that receives a list of integers and returns a new list using list comprehension which contains each item from the original list, multiplied by 10.
- 5) Write a function that receives a list of integers and returns a new list using list comprehension to calculate the square of each element if the square of each element is > 50.
- 6) Write a function that receives a list of strings containing duplicate values and returns a new list with all duplicates removed.