

Python Lab 1

- 1 - Write a program that counts up the number of vowels [a, e, i, o, u] contained in the string
- 2 - Write a function that accepts two arguments (length, start) to generate an array of a specific length filled with integer numbers increased by one from start.
- 3 - Fill an array of 5 elements from the user, Sort it in descending and ascending orders then display the output
- 4 - write a function that takes a number as an argument and if the number divisible by 3 return "Fizz" and if it is divisible by 5 return "buzz" and if is is divisible by both return "FizzBuzz"
- 5 - Write a function which has an input of a string from user then it will return the same string reversed
- 6 - Ask the user to enter the radius of a circle in order to alert its calculated area and circumference
- 7 - Ask the user for his name then confirm that he has entered his name (not an empty string/integers). then proceed to ask him for his email and print all this data
 - (Bonus) check if it is a valid email or not
- 8 - Write a program that prints the number of times the string 'iti' occurs in
- (Bonus) 9 - Write a function that takes a string and prints the longest alphabetical ordered substring occurred.
For example, if the string is 'abdu^lrahman' then the output is:
Longest substring in alphabetical order is: abdu