

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 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. Write a Python function that checks whether a passed string is palindrome or not. Note: A palindrome is a word, phrase, or sequence that reads the same backward as forward, e.g., madam or nurses run {ignoring the spaces }.
7. Write a function that takes a string and prints the longest alphabetical ordered substring occurred. For

example, if the string is 'abduLrahman' then the output is: Longest substring in alphabetical order is: abdu