- 1. Given a string. Check is it Palindrome (write with split, revert, join functions).
- 2. Write a function to find the count of all vowels in a given string.
- 3. Given a string and a number. Change each letter character in a string adding that number to a character code. Be sure to keep character between letters' codes. Return new string.
- 4. Given a large number. Find the difference between the most appeared largest and smallest digits.
- 5. Check entered password to meet the requirements.
 - a. It should contain at least eight characters.
 - b. It should consist of letters, digits and special symbols(*, !, @, \$, ^)
 - c. It should contain at least two digits.
 - d. It should contain at least one symbol.
 - e. It should contain at at least one uppercase and one lowercase letters.
- 6. Given an array of numbers. Find the pair of adjacent elements that have the largest product and return that product.