Strings

No.	Title	Description	Completed	Play
1	Count A	Write the function countA(word) that takes in a word as argument and returns the number of 'a' in that word.	✔	▶
2	Count Letter	Write the function countLetter(word, letter) that takes in a word and a letter as arguments and returns the number of occurrence of that letter in the word.	✔	▶
3	Remove Letter	Write a function removeLetter(word, letter) that takes in a word and a letter as arguments and remove all the occurrence of that particular letter from the word. The function will returns the remaining leters in the word.	✔	▶
4	Change Case	Write the function changeCase(word) that changes the case of all the letters in a word and returns the new word.	✔	▶
5	Search String	Write the function search(word, substring) that takes in a word and a substring as arguments and returns the position (0 indexed) of the substring if it is found in the word. The function returns -1 if the substring is not found.	✔	▶
6	Get Character	A string contains a sequence of characters. Elements within a string can be accessed using index that starts from 0. Write the function getChar(word, pos) that takes in a word and a number as argument and returns the character at that position.	✔	▶
7	Count Vowels	Write a function countVowels(word) that takes in a word as an argument and returns the number of vowels ('a', 'e', 'i', 'o', 'u') in the word.	✔	▶
8	Get Vowels	Write the function getVowels(word) that takes in a word as an argument and returns the vowels ('a', 'e', 'i', 'o', 'u') in that word.	✔	▶
9	Capitalize Vowels	Write the function capitalizeVowels(word) that returns the word with all the vowels capitalized.	✔	▶
10	Starts and Ends with Vowels	Write the function startEndVowels(word) that returns True if the word starts and ends with vowels.	✔	▶
11	Remove Vowels	Write the function removeVowels(word) that removes all the vowels ('a', 'e', 'i', 'o', 'u') in a word and returns the remaining letters in the word.	✔	▶
12	Reverse Word	Write the function reverseWord(word) that returns the word in the reverse order.	✔	▶
13	Is Reverse	Write the function isReverse(word1, word2) that takes two words as arguments and returns True is the second word is the reverse of the first word.	✔	▶
14	Starts with Vowel	Write the function startWithVowel(word) that takes in a word as argument and returns a substring that starts with the first vowel found in the word. The function returns 'No vowel' if the word does not contain vowel.	✔	▶
15	Common Letters	Write the function getCommonLetters(word1, word2) that takes in two words as arguments and returns a new string that contains letters found in both string. Ignore repeated letters and sort the result in alphabetical order.	✔	▶
16	Mirror Text	Write a function mirrorText(word1, word2) that takes in 2 words as arguments and returns a new word in the following order: word1word2word2word1.	✔	▶
17	Echo Word	Write a function echoWord(word) that takes in a word as arguments and returns a word that repeats itself based on the number of letter in the word.	✔	▶
18	Right Justify	Write a function rightJustify(word) that takes in a word as argument and return a word with leading spaces so that the last letter of the word is in column 50 of the display.	✔	▶
19	Palindrome	A palindrome is a word, phrase, number or other sequence of units that can be read the same way in either direction. Write a function that determines whether the given word or number is a palindrome.	✔	▶
20	Alphabetical Order	Write a function isInAlphabeticalOrder(word) that takes in a word as argument and returns True if the word contains letters that are arranged in alphabetical order. For example, the letter 'c' should not appear before the letter 'a'.	✔	▶
21	Compulsory Letters	Write a function isAllLettersUsed(word, required) that takes in a **word** as the first argument and returns True if the word contains all the letters found in the second argument.	✔	▶
22	Triple Double	Write a function isTripleDouble(word) that takes in a word as argument and returns True if the word contains three consecutive double letters.	✔	▶
23	Split Word	Write a function splitWord(word, numOfChar) that takes in a word and a number as arguments. The function will split the word into smaller segments with each segment containing the number of letter specified in the numOfChar argument. These segments are stored and returned in a list.	✔	▶
24	Anagram	An anagram is a word formed by reordering the letters of another word. Write a function isAnagram(w1, w2) that takes in two words as arguments and return True if one word is an anagram of the other word.	✔	▶