## **Purpose**

Learn a problem-solving skill, JS functions, for-loop, and if-else statements

## **Problem 1**

Assume s is a string of lower case characters.

Write a program that counts up the number of vowels contained in the string s. Valid vowels are: 'a', 'e', 'i', 'o', and 'u'. For example, if s = 'azcbobobegghakl', your program should print:

Number of vowels: 5

## **Problem 2**

Assume s is a string of lower case characters and a search keyword.

Write a program that prints the number of times the search keyword occurs in s.

### Example:

Given a s = 'azcbobobegghakl' and the search keyword is 'bob'

Your program should print

Number of times bob occurs is: 2

## **Acceptance Criteria**

1. Your code must be appropriately commented.  Any variables, functions, objects, or algorithms that are not obvious, must be commented.
2. Your code must output the required output.
3. Your code must perform the required effects.

## **Completion**

 Put all into a single lastname\_firstname\_assignment6.js and submit it here.

[Previous](https://lwtech.instructure.com/courses/1841507/modules/items/38185185)[Next](https://lwtech.instructure.com/courses/1841507/modules/items/38185194)