Javascript challenge

Part 2

Largest length in a sentence

Return the length of the longest word in the provided sentence.

Vowel Counter

Write a JavaScript function to count the number of vowels in a given string.

Largest Adjacent Product

Given an array of integers, find the pair of adjacent elements that has the largest product and return that product.

Example

For inputArray = [3, 6, -2, -5, 7, 3], the output should be adjacentElementsProduct(inputArray) = 21.

7 and 3 produce the largest product.

Transform hour to military format

Given a time in -hour AM/PM format, convert it to military (-hour) time.

Note: Midnight is on a -hour clock, and on a -hour clock. Noon is on a -hour clock, and on a -hour clock.

Input Format

A single string containing a time in -hour clock format (i.e.: or), where 00 <= h <= 23 and 00 <= m <= 59.

Output Format

Convert and print the given time in -hour format, where .

Sample Input = Sample Output

07:05:45PM = 19:05:45 12:05:45AM = 00:05:45 12:05:45PM = 12:05:45

Sum of even Fibonacci

Each new term in the Fibonacci sequence is generated by adding the previous two terms. By starting with 1 and 2, the first 10 terms will be:

1,1, 2, 3, 5, 8, 13, 21, 34, 55, 89, ...

find the sum of the even-valued terms for all Fibonacci number less than 1000.