W2D1 Homework

CS472 WAP October 2016 – Prof. Zijlstra

Write the following JavaScript functions, and be sure to use **"use strict";**

- Define a function max() that takes two numbers as arguments and returns the largest of them. Use the if-then-else construct available in Javascript.
- Define a function maxOfThree() that takes three numbers as arguments and returns the largest of them.
- Write a function isVowel() that takes a character (i.e. a string of length 1) and returns true if it is a vowel, false otherwise.
- Define a function sum() and a function multiply() that sums and multiplies (respectively) all the numbers in an array of numbers. For example, sum([1,2,3,4]) should return 10, and multiply([1,2,3,4]) should return 24.
- Define a function reverse() that computes the reversal of a string. For example, reverse("jag testar") should return the string "ratset gaj".
- Write a function findLongestWord() that takes an array of words and returns the length of the longest one.
- Write a function filterLongWords() that takes an array of words and an integer i and returns a new array containing only those words that were longer than i.

Please submit your code as a single .js file attachment in Sakai.