

Question 1 (1%)

Given an array of numbers return an array with the square of each value

Example

[1,2,4,6]

Return

[1,4,16,36]

Question 2 (1%)

Given an array of strings return only an array of strings that are 10 characters or less.

Example

['iamusername', 'iamshort', 'iamwaaaaaytoolong', 'whatisgoingon']

Return

['iamshort']

Question 3 (1%)

Given 2 string arrays return true if two arrays are the same string.

Example:

Word1 = ['quiz', '2'], word2 = ['qu', 'iz2']

Returns true word1 quiz2 is equal to word2 quiz2

Word1 = ['thisis', 'easy'] word2 = ['thisis', 'hard']

Return false thisiseasy is not equal to thisishard

Question 4 (1%)

Write a program that does the following operations increment ++X, X++ decrement --X, X--

Given an array of operations find the value of x. Given x = 0 initially

Example:

Operations = ['X++', 'X++', 'X--']

result : 1

Explanation

First operation X++ : $0 + 1 = 1$

Second operation X++: $1 + 1 = 2$

Third operation X-- = $2 - 1 = 1$

Question 5 (2%)

Using dom create 100 buttons that have QUIZ text inside the div container.

Question 6 (2%)

You have an h1 and input element

H1 initially has 'Enter a Name' text

When the user starts typing the h1 will have the text 'Welcome, whatever user is typing'

The text should update every time the user types or removes a character.

Question 7 (2%)

Turn each character of the text into one of the colors of the array.