Soal Fundamental JC 01 Bandung

Score (30)

1. Mash 2 arrays together so that the returning array has alternating elements of the 2 arrays . Both arrays will always be the same length.

arrayMash([1, 2, 3], ['a', 'b', 'c']) 🡺 [1, 'a', 2, 'b', 3, 'c']

arrayMash([1, 2, 3, 4, 5], ['a', 'b', 'c', 'd', 'e']) 🡺 [1, 'a', 2, 'b', 3, 'c', 4, 'd', 5, 'e']

Score (45)

1. write a function which formats a duration, given as a number of seconds, in a human-friendly way. The function must accept a non-negative integer. If it is zero, it just returns "now". Otherwise, the duration is expressed as a combination of years, days, hours, minutes and seconds.

It is much easier to understand with an example:

formatDuration(62) // returns "1 minute and 2 seconds"

formatDuration(3662) // returns "1 hour, 1 minute and 2 seconds"

formatDuration(123456789) // returns " 3 years, 333 days, 21 hours, 33 minutes and 9 seconds"

Score (20)

1. write a function that return a sum of the following number, the function should return integer of the summation like the example below

example :

summation(4) // return 10 // 1 + 2 + 3 + 4 = 10

summation(3) // return 5 // 1 + 2 + 3 = 5

summation(2) // return 3 // 1 + 2 = 3

Score (20)

1. write a function like the example below, if the number of good is 0, return ‘Fail’ , else if the number of good greater than 2 return ‘I smell a series’, otherwise return ‘Publish’

ideas([‘bad’ ,’bad’ ,’bad’ ,’bad’]) => ‘Fail!’

ideas([‘bad’ ,’good’ ,’bad’ ,’bad’]) => ‘Publish’

ideas([‘bad’ ,’good’ ,good ,’bad’]) => ‘Publish’

ideas([‘bad’ ,’good’ ,’bad’ ,’good’ ,’good’]) => ‘I smell a series’

Score (30)

1. Your task is to make function, which returns the sum of a sequence of integers.

The sequence is defined by 3 non-negative values: begin, end, step.If begin value is greater than the end, function should returns 0

sequenceSum(2,2,2) === 2 //

sequenceSum(2,6,2) === 12 // 2 + 4 + 6

sequenceSum(1,5,1) === 15 // 1 + 2 + 3 + 4 + 5