❓ Questions ❓

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1 A word is on the loose and now has tried to hide amongst a crowd of tall letters, help write a function to detect what the word is, knowing the following rules:

> ⚠️ the word of interest is in lowercase

> ⚠️ the crowd of letters is all in uppercase

> ⚠️ note the word will be spread out amongst the random letters, but their letters remain in the same order.

2 Create a function that returns true if the first array can be nested inside the second array.

Example: passed argument [3,4,5] and [2,5,7,8]   answer: return true

3 Magic array exercise

An array is defined to be a magic array if the sum of the prime in the array is equal to the first element of the array . if there are no primes in the array ,the first element must be 0. so{21,3,7,9,11,4,6} is a magic array because 3,7,11are the prime in the array and they sum to 21 which is the first element of the array.{13,4,4,4,4} is also a magic array because the sum of the prime is 13 which is also the first element.other magic array are {10,5,5},but {0,6,8,20} and{3},{8,5,-5,5,3} is not a magic array because the sum of the prims is 5+5+5 = 13.

> ▶️ **Note that -5 is not a prime because prime numbers are positive.**

4 Create a function that takes an array of numbers and returns both the minimum and maximum numbers, in that order inside another array.

> ▶️ **Example : passed argument [1,2,3,4,5] answer : return [1,5]**

5 Create a function that takes a number as its argument and returns an array of all its factors.

> ▶️ **Example: passed argument 12 answer: return [1,2,3,4,6,12]**

6 Given a number, return an array containing the two halves of the number. If the number is odd, make the rightmost number higher.

> ▶️ **Example: passed argument 4 answer: return [2,2]**

💻 Happy coding 💻

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