

Practice String - 2

Repeating Letters

Published by [Matt](#) in [JavaScript](#) ▾

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Create a function that takes a string and returns a string in which each character is repeated once.

Examples

```
doubleChar("String") → "SSttrriinngg"  
doubleChar("Hello World!") → "HHeellllloo WWoorldd!!"  
doubleChar("1234!_ ") → "11223344!!__ "
```

Find the Amount of Potatoes

Published by [Thomas Sandell](#) in [JavaScript](#) ▾

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Create a function to return the amount of potatoes there are in a string.

Examples

```
potatoes("potato") → 1  
potatoes("potatopotato") → 2  
potatoes("potatoapple") → 1
```

Count Instances of a Character in a String

Published by [Chris 0973](#) in [JavaScript](#) ▾

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Create a function that takes two strings as arguments and returns the number of times the first string (the single character) is found in the second string.

Examples

```
charCount("a", "edabit") → 1
```

```
charCount("c", "Chamber of secrets") → 1
```

```
charCount("b", "big fat bubble") → 4
```

How Many Vowels?

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Create a function that takes a string and returns the number (count) of vowels contained within it.

Examples

```
countVowels("Celebration") → 5
```

```
countVowels("Palm") → 1
```

```
countVowels("Prediction") → 4
```

Notes

- a, e, i, o, u are considered vowels (not y).

Find the Bomb

Published by [tejaakula2010](#) in [JavaScript](#) ▾

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Create a function that finds the word `"bomb"` in the given string (not case sensitive). If found, return `"Duck!!!"`, otherwise return `"There is no bomb, relax."`.

Examples

```
bomb("There is a bomb.") → "Duck!!!"
```

```
bomb("Hey, did you think there is a bomb?") → "Duck!!!"
```

```
bomb("This goes boom!!!") → "There is no bomb, relax."
```

Notes

`"bomb"` may appear in different cases (i.e. uppercase, lowercase, mixed).

Remove Every Vowel from a String

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Create a function that takes a string and returns a new string with all vowels removed.

Examples

```
removeVowels("I have never seen a thin person drinking Diet Coke.")  
→ " hv nvr sn thn prsn drnkng Dt Ck."
```

```
removeVowels("We're gonna build a wall!")  
→ "W'r gnn bld wll!"
```

```
removeVowels("Happy Thanksgiving to all--even the haters and losers!")  
→ "Hppy Thnksgvng t ll--vn th htrs nd lsrs!"
```

Return the Index of the First Vowel

Published by [Helen Yu](#) in [JavaScript](#) ▼

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Create a function that returns the index of the first vowel in a string.

Examples

```
firstVowel("apple") → 0
```

```
firstVowel("hello") → 1
```

```
firstVowel("STRAWBERRY") → 3
```

```
firstVowel("pInEaPPLe") → 1
```

Say "Hello" Say "Bye"

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Write a function that takes a string `name` and a number `num` (either 0 or 1) and return "Hello" + `name` if `num` is 1, otherwise return "Bye" + `name`.

Examples

```
sayHelloBye("alon", 1) → "Hello Alon"
```

```
sayHelloBye("Tomi", 0) → "Bye Tomi"
```

```
sayHelloBye("jose", 0) → "Bye Jose"
```

Get the Area of a Country

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Create a function that takes a country's `name` and its `area` as arguments and returns the area of the country's proportion of the total world's landmass.

Examples

```
OfCountry("Russia", 17098242) → "Russia is 11.48% of the total world's landmass"
```

```
OfCountry("USA", 9372610), "USA is 6.29% of the total world's landmass"
```

```
OfCountry("Iran", 1648195) → "Iran is 1.11% of the total world's landmass"
```

Reverse Words in a String

Published by [jeyere6498@maileze.net](#) in [JavaScript](#) ▼

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Given an input string, reverse the string word by word, the first word will be the last, and so on.

Examples

```
reverseWords(" the sky is blue") → "blue is sky the"
```

```
reverseWords("hello world! ") → "world! hello"
```

```
reverseWords("a good example") → "example good a"
```

ReverseAndNot

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Write a function that takes an integer `i` and returns an integer with the integer backwards followed by the original integer.

To illustrate:

```
123
```

We reverse `123` to get `321` and then add `123` to the end, resulting in `321123`.

Examples

```
reverseAndNot(123) → 321123
```

```
reverseAndNot(152) → 251152
```

```
reverseAndNot(123456789) → 987654321123456789
```