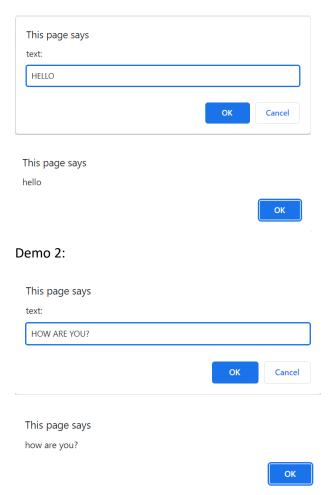
Tasks 3

Create a folder called tasks3 and inside it implement the following programs:

Task 1

In a file called indoor.html, implement a program in JavaScript that prompts the user for input and then outputs that same input in lowercase. Punctuation and whitespace should be outputted unchanged.

Demo 1:



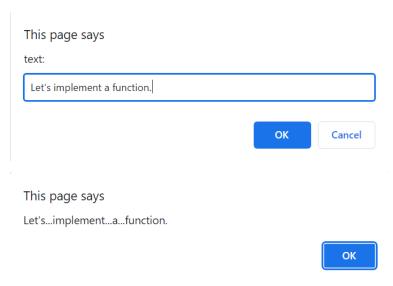
Task 2:

In a file called slow.html, implement a program in JavaScript that prompts the user for input and then outputs that same input, replacing each space with ... (i.e., three periods).

Demo 1:

This page says		
text:		
this week we're learning functions.		
	ОК	Cancel
This page says thisweekwe'relearningfunctions.		
		ОК

Demo 2:



Hint:

String comes with a method called *replaceAll()*. You can read about it on the following link: https://www.w3schools.com/js/js_string_methods.asp

Task 3:

The area of a circle is pi times the radius squared ($\mathbf{A} = \mathbf{\pi} \mathbf{r}^2$). we have written the program below to calculate it. Well, we've written *most* of it for you. Unfortunately, we didn't have time to implement the function called *calculateArea*, which accepts a number as input, and returns the area of the circle.

In a file named circle.html, first copy the following code and implement the calculateArea function:

```
<script>
    // approximate value of PI
    const PI = 3.14

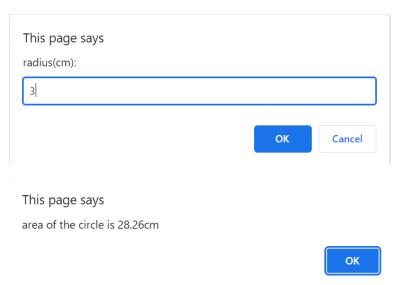
let calculateArea = function(r){
        // TODO
    }

let radius = Number(prompt("radius(cm): "))
    let area = calculateArea(radius)

alert(`area of the circle is ${area}cm`)

</script>
```

Demo 1:



How to submit:

Upload all your files into a GitHub repository and share the link on WhatsApp.