Taller de Javascript

Por: Juan Andrés Bermúdez Gómez

Para: Ingeniera Mónica Rodriguez

Servicio Nacional de Aprendizaje – Centro de Comercio y Servicios

Tecnología en Análisis y Desarrollo de Software

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```
Rewrite the function using '?' or '||'
importance: 4

The following function returns true if the parameter age is greater than 18.

Otherwise it asks for a confirmation and returns its result.

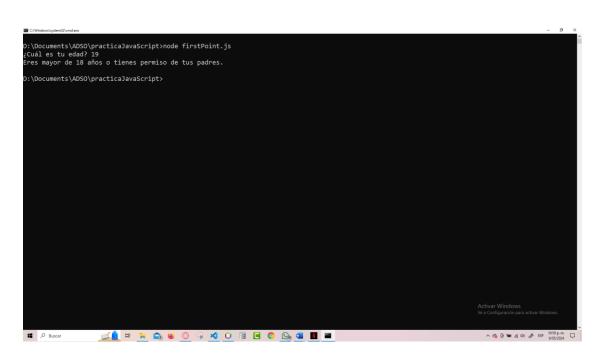
1 function checkAge(age) {
2 if (age > 18) {
3 return true;
4 } else {
5 return confirm('Did parents allow you?');
6 }
7 }

Rewrite it, to perform the same, but without if, in a single line.

Make two variants of checkAge:

1. Using a question mark operator ?

2. Using OR ||
```



```
Function min(a, b)

importance: 1

Write a function min(a,b) which returns the least of two numbers a and b.

For instance:

1 min(2, 5) == 2
2 min(3, -1) == -1
3 min(1, 1) == 1
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Function pow(x,n)
importance: 4

Write a function pow(x,n) that returns x in power n. Or, in other words, multiplies x by itself n times and returns the result.

1 pow(3, 2) = 3 * 3 = 9
2 pow(3, 3) = 3 * 3 * 3 * 3 = 27
3 pow(1, 100) = 1 * 1 * ...* 1 = 1

Create a web-page that prompts for x and n, and then shows the result of pow(x,n).

Run the demo

P.S. In this task the function should support only natural values of n: integers up from 1.
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D:\Documenta\DoS\practica]avaScript>node thirdPoint.js

Jime un interero: 5

Jime un interero
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```
Replace Function Expressions with arrow functions in the code below:

1 function ask(question, yes, no) {
2 if (confirm(question)) yes();
3 else no();
4 }
5
6 ask(
7 "Do you agree?",
8 function() { alert("You agreed."); },
9 function() { alert("You canceled the execution."); }
10 );
```

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Output even numbers in the loop importance: 5

Use the for loop to output even numbers from 2 to 10.

Run the demo
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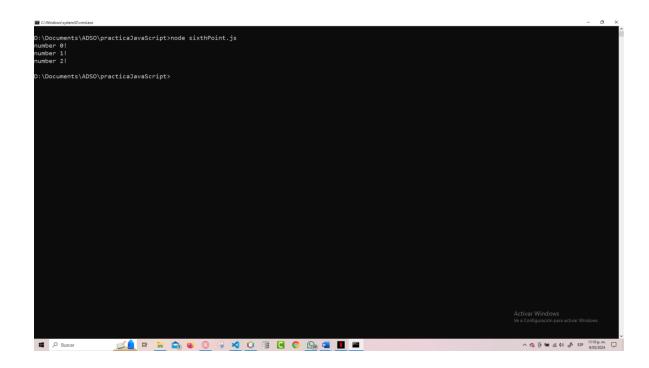
6.

```
Replace "for" with "while"

importance: 5

Rewrite the code changing the for loop to while without altering its behavior (the output should stay same).

1 for (let i = 0; i < 3; i++) {
2 alert( `number ${i}!` );
3 }
```



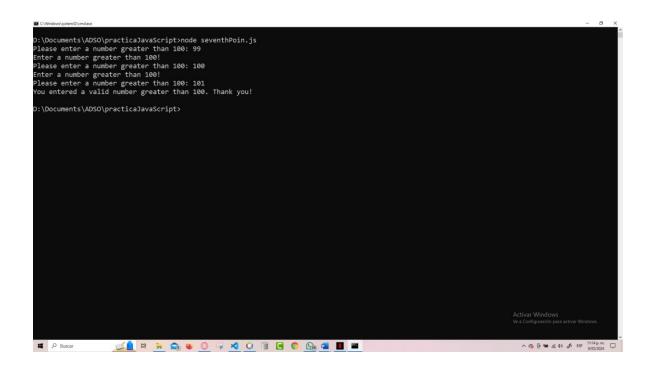
Repeat until the input is correct

importance: 5

Write a loop which prompts for a number greater than 100. If the visitor enters another number – ask them to input again.

The loop must ask for a number until either the visitor enters a number greater than 100 or cancels the input/enters an empty line.

Here we can assume that the visitor only inputs numbers. There's no need to implement a special handling for a non-numeric input in this task.



Output prime numbers importance: 3 An integer number greater than 1 is called a prime if it cannot be divided without a remainder by anything except 1 and itself. In other words, n > 1 is a prime if it can't be evenly divided by anything except 1 and n. For example, 5 is a prime, because it cannot be divided without a remainder by 2, 3 and 4. Write the code which outputs prime numbers in the interval from 2 to n. For n = 10 the result will be 2,3,5,7. P.S. The code should work for any n, not be hard-tuned for any fixed value.

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Rewrite the "switch" into an "if"

importance: 5

Write the code using if..else which would correspond to the following switch:

1  switch (browser) {
2   case 'Edge':
3    alert( "You've got the Edge!" );
4   break;
5
6   case 'Chrome':
7   case 'Firefox':
8   case 'Safari':
9   case 'Opera':
10   alert( 'Okay we support these browsers too' );
11   break;
12
13   default:
14   alert( 'We hope that this page looks ok!' );
15 }
```

