Oefenopgaven Intermediate JavaScript Programming Techniques 4

Vraag 1 van 34

You need to create a comma-delimited list from an array of values. Which function will accomplish this?

A. `myArray.join(",");`

B. `myArray.split(",");`

C. `myArray.replace(",");`

D. `myArray.delimit(",")`

Vraag 2 van 34

Consider the following code:

```
var firstArray = ["Sabrina", "Kelly", "Jill"]
var secondArray = firstArray;
secondArray.push("Kris");
alert(secondArray);
```

What output will be displayed in the alert box when this script is run in the browser?

A. Kris, Kelly, Jill.

B. Sabrina, Kris, Jill.

C. Sabrina, Kelly, Jill, Kris.

D. Kris, Sabrina, Kelly, Jill.

Vraag 3 van 34

Which of the following demonstrates the correct way to declare a regular expression?

A. var ex = /Ringo/;

B. var ex = \Ringo\;

C. var ex = "Ringo".RegExp();

D. var ex = RegExp("Ringo");

Vraag 4 van 34

How do the shift() and pop() methods differ?

A. The shift() method removes the last item in the array, whereas the pop() method removes the first item.

B. The pop() method returns the element it removes, whereas the shift() method does not.

C. The shift() method adds the last item in the array at the first position and rearranges the array, whereas the pop() method just removes the last item.

D. The shift() method removes and returns the first item in the array, whereas the pop() method removes and returns the last item in the array.

Vraag 5 van 34

Why does the **Array.sort()** method produce unreliable results when elements of an array are numbers?

A. Because the sort() method can only sort numbers.

B. Because the sort() method treats numbers as strings and sorts them accordingly.

C. Because the arrays store numbers as string values, and the sort() method accesses these strings.

D. Because the sort() method can only sort string values.

Vraag 6 van 34

How can you extract the username portion of the email address given in the following line of code?

```
var email = joseph@somehwere.something.com
```

A. email.substring(0, email.indexOf("@"));

B. email.substring(1, email.indexOf("@") + 1);

C. email.substring(1, email.indexOf("@"));

D. email.substring(0, email.indexOf("@") - 1);

Vraag 7 van 34

What will be the output of the following expression?

```
"Every black hole has an event
horizon.".substring("True?".indexOf("e"),25);
```

A. "ry black hole has an even"

B. "ery black hole has an eve"

C. "ry black hole has an e"

D. "ery black hole has an"

Vraag 8 van 34

Which code snippet can be used to display the current date?

A.
```
var myDate = Date();
alert(myDate);
```

B.
```
var myDate = new Date();
alert(myDate);
```

C.
```
var myDate = new date();
alert(myDate);
```

D.
```
var myDate = new date(today);
alert(myDate);
```

Consider the following code:

```
var nurseryRhyme = "Mary had a little lamb";
```

How would you find the position of the last letter "a" in the given code?

A. nurseryRhyme.indexOf("a");

B. indexOf(nurseryRhyme, "a");

C. nurseryRhyme.lastIndexOf("a");

D. charAt(nurseryRhyme, "a");

When you need to run a function after a certain amount of time, which method would you use?

A. setTimeout(function, time);

B. function.repeat(time);

C. function.setTimeout(time);

D. repeat(function, time);

What will be the output of the following expression?

```
var lamp = new Array("Linux", "Apache", "MySQL", "PHP");
             var lampAbbr = lamp.join();
             document.write(lampAbbr);
```

A. LinuxApacheMySQLPHP

B. Linux Apache MySQL PHP

C. Linux|Apache|MySQL|PHP

D. Linux,Apache,MySQL,PHP

Which of the following methods returns an array with the results of a function called for each element in an array?

A. call()

B. join()

C. alert()

D. map()

Vraag 13 van 34

An interface that you are developing will display an array in a list format. You want to allow the user to flip the list, making the first item last and the last item first, and reversing the order of all items. Which line of code will help you to achieve the task?

A. arrayList.reverse();

B. arrayList.flip();

C. arrayList = reverse(arrayList);

D. arrayList = flip(arrayList);

Vraag 14 van 34

Which statement will reorder and display the array myArray in alphabetical order?

A. myArray.sort();

B. myArray.alphabetize();

C. myArray = sort(myArray);

D. myArray = alphabetize(myArray);

Vraag 15 van 34

Why is it better to use regular expressions than specific strings for matching?

A. Because regular expressions are easy to read for developers.

B. Because regular expressions can match a large number of strings.

C. Because regular expressions can be debugged easily for logic errors.

D. Because regular expressions are a lot faster to process than regular strings.

Vraag 16 van 34

What will be the output of the following expression: "Hi there!".split("e")?

A. ["Hi th", "er", "e!"]

B. ["Hi the", "re", "!"]

C. ["Hi th", "r", "!"]

D. ["Hi th", "e", "r", "e", "!"]

Vraag 17 van 34

You need a three-element array containing the values Larry, Moe, and Curly. Which statement will create this array?

A. var Stooges = ["Larry", "Moe", "Curly"];

B. var Stooges = ("Larry", "Moe", "Curly");

C. var Stooges[] = new Array[3]("Larry", "Moe", "Curly");

D. var Stooges[] = ["Larry", "Moe", "Curly"];

What will be the result of the following expression?

```
Math.random()*Math.pow(2,2);
```

A. 4

B. Any value between 0 and 4, including 0 excluding 4

C. Any value between 0 and 4, including 0 and 4

D. ReferenceError

Consider the following code block:

```
var newDate = new Date();
          var example = newDate.getDate();
          alert(example);
```

If the current system date and time is Fri Dec 01 2017 15:18:50, what will be the output of the code block?

A. Dec 01 2017

B. Fri Dec 01 2017

C. Dec 01

D. 1

What is the purpose of the prototype property of the String objects?

A. It is used to create your own methods and properties of the String object.

B. It is used when designing a new program to represent strings.

C. It is used in testing to ensure that the correct value is stored in the String object.

D. It creates a new string object that has no content.

In JavaScript, the String, Math, Array, Date, and RegExp objects are called .....

A. language objects.

B. DOM objects.

C. containment objects.

D. HTML form objects.

Consider the following code:

```
<html>
  <head>
    <script language="JavaScript" type="text/javascript">
        function formatMessage() {
            return "The message of the day is: " +
this.toString();
        }
        String.prototype.message = formatMessage;
    </script>
  </head>
  <body>
    <script language="JavaScript" type="text/javascript">
        document.write("Have a great day".message());
    </script>
  </body>
</html>
```

What text will this code display?

A. The message of the day is: Have a great day.

B. Have a great day.

C. The message of the day is:

D. "Have a great day".message().

Which of the following will determine how many characters are in the variable string str?

A. str.length;

B. str.length();

C. length(str);

D. str.lengthOf;

Which of the following characters is used as the escape character in JavaScript?

A. ?

B. /

C. _

D. \

Methods like floor(), ceil(), and sin() are associated with which object?

A. Math

B. String

C. Number

D. Language

Which of the following escape sequences will print the backslash character?

A. \b

B. \\

C. \s

D. /\

Which of the following statements is true of the substr() method?

A. It takes the starting index and the number of characters to extract.

B. It is a shorthand for the substring() method.

C. It takes only one parameter, the index after which the string is clipped.

D. It takes two parameters, the starting and the ending index of the string to clip.

Which of the following characters matches the start of a line in a regular expression?

A. ^

B. $

C. *

D. ?

Consider the following code block:

```
var arr = new Array("Adam", "Bee", "Cathy");
arr.reverse();
arr = new Array(arr.join(""));
arr.sort();
document.write(arr);
```

What will be the output of this code block?

A. Adam,Bee,Cathy

B. AdamCathyBee

C. CathyBeeAdam

D. aaABCdeehmty

Which of the following is true of the String.slice() method?
A. Breaks a string and returns each individual part.

B. Breaks a string and replaces the substring with the specified string.

C. Extract a section of the string.

D. Returns the index position from where the string is sliced.

Consider the following code:

```
var firstArray = ["Sabrina", "Kelly", "Jill"]
var x = firstArray.pop();
alert(x);
```

What will the alert box display when this script is run in the browser?
A. Jill
B. Sabrina
C. Sabrina, Kelly,
D. SabrinaKellyJill

Vraag 32 van 34

Consider the following code:

```
var firstArray = ["Sabrina", "Kelly", "Jill"];
var secondArray = firstArray;
secondArray = secondArray.join("Kris");
alert(secondArray);
```

What will the alert box display when this script is run in the browser?

A. KrisKellyJill

B. Kris, Sabrina, Kelly, Jill

C. Sabrina, Kelly, JillKris

D. SabrinaKrisKellyKrisJill

Vraag 33 van 34

Which regular expression pattern will match a number in the form 123-45-6789?

A. /\d{3}-\d{2}-\d{4}/

B. /\d(3)\d(2)\d(4)/

C. /\n(3)-\n(2)-\n(4)/

D. /\n{3}\n{2}\n{4}/

Vraag 34 van 34

Consider the following code:

```
var nurseryRhyme = "Mary had a little lamb";
```

How would you find the letter at the seventh position of the given string?

A. nurseryRhyme.charAt(6);

B. characterAt(nurseryRhyme, 6);

C. nurseryRhyme.characterAt(7);

D. charAt(nurseryRhyme, 7);