

Oefenopgaven Essential JavaScript Principles and Practices 2

Vraag 1 van 38

What does the operator `===` mean?

- A. The value of the right operand is assigned to the left operand.
- B. The operands on either side are equal in either value or data type.
- ☒ C. The operands on either side are equal in both value and data type.
- D. The operands on either side are equal in value but not necessarily in data type.

Vraag 2 van 38

Which of the following variables will be present as a property on the window object?

- ☒ A. `var x = 5;`
- B. `let y = 2;`
- C. `const z = 1;`
- D. `let w;`

Vraag 3 van 38

Consider the following code:

```
firstNumber = prompt("Enter a number" , "");  
secondNumber = prompt("Enter another number" , "");  
alert("The sum of two numbers is " + (firstNumber +  
secondNumber) + ".");
```

Assume that you input the numbers 2 and 3 when the script is run in the browser. What is the possible result of this script?

- A. The sum of two numbers is 5.
- B. The sum of two numbers is 6.
- ☒ C. The sum of two numbers is 23.
- D. The sum of two numbers is undefined.

Vraag 4 van 38

Which example demonstrates the correct syntax for declaring a variable?

- A. `var @lastName;`
- B. `var 2lastName;`
- C. `var .last_name;`
- ☒ D. `var _LAST_name;`

Vraag 5 van 38

What is a named memory block that serves as a container for a value called?

- A. Data type.
- B. Variable.**
- C. Operator.
- D. Event.

Vraag 6 van 38

Which of the following statements declares a variable whose value can't be altered throughout the script?

- A. `let x = 10;`
- B. `const x = 5;`**
- C. `const x; x = 10;`
- D. `var const = 5;`

Vraag 7 van 38

Which of the following is an arithmetic operator?

- A. `&&`
- B. `%=`**
- C. `||`
- D. `!`

Vraag 8 van 38

Consider the following JavaScript statement:

```
document.write(8 / 4 * 2 + 2 / 2);
```

What is the output of this statement?

- A. 5.**
- B. 2.
- C. 3.
- D. 1.5.

Vraag 9 van 38

Which among the following operators is of the highest precedence?

- A. `++`**
- B. `>>`
- C. `==`
- D. `?:`

Vraag 10 van 38

Consider the following code:

```
weather = confirm("Click OK if it is raining" );  
alert("I looked outside and the weather report is " +  
weather);
```

What is a possible result of this code when it is run in a browser?

- A. I looked outside and the weather report is OK.
- B. I looked outside and the weather report is true.**
- C. I looked outside and the weather report is wrong.
- D. I looked outside and the weather report is canceled.

Vraag 11 van 38

Which of the following is true of the prompt() method?

- A. It returns Boolean values.
- B. It will always return a string value.**
- C. If the prompt window closed without entering any value (without using OK or Cancel), it returns an empty string.
- D. **If the OK button is clicked without entering any value, it returns an empty string.**

Vraag 12 van 38

What is the value returned by the following expression?

```
(0 > 1) ? x : y
```

- A. x
- B. True
- C. y**
- D. False

Vraag 13 van 38

Consider the following code:

```
var myVar = 2;  
myVar += "3";
```

What is the value of myVar after execution?

- A. 2.
- B. 3.
- C. 5.
- D. 23.**

Vraag 14 van 38

Which of the following cannot be used to perform concatenation in JavaScript?

- A. ++**
- B. +
- C. +=
- D. concat()

Vraag 15 van 38

Which of the following values cannot be stored in a primitive data type?

- A. "id_name"
- B. 0X41AC (hexadecimal value)
- C. null
- D. ["Adam", "Smith", 42, "Livingston St."]**

Vraag 16 van 38

Consider the following code:

```
<script type="text/javascript">
var message = "Hello ",message2 = "World";
document.write(message + message2);
</script>
```

What will be the result of this script when run in a browser?

- A. Hello
- B. Hello World**
- C. An error, because the variables are not properly declared
- D. An error, because concatenation requires the & operator

Vraag 17 van 38

Which of the following operators is an assignment operator?

- A. +=**
- B. +
- C. %
- D. ==

Vraag 18 van 38

Which of the following will return the last value in an array of size 10?

- A. arr[last];
- B. arr[9];**
- C. arr[10];
- D. arr[11];

Vraag 19 van 38

Which of the following methods lets you convey information to a user and doesn't record the user's response?

- A. prompt()
- B. alert()**
- C. confirm()
- D. open()

Vraag 20 van 38

Which of the following JavaScript operators checks if the two operands are strictly equal to each other?

- ☒ A. ===
- ☐ B. ==
- ☐ C. =
- ☐ D. !==

Vraag 21 van 38

Consider the following code snippet:

```
var myVar;  
myVar = confirm("continue?");
```

What is the data type of the value of myVar after execution?

- ☒ A. Boolean.
- ☐ B. Bit.
- ☐ C. Depends on the user's input.
- ☐ D. Undefined.

Vraag 22 van 38

Which of the following statements is true of semicolons in JavaScript?

- ☐ A. Each statement in JavaScript must end in a semicolon.
- ☐ B. Semicolons can be used to concatenate strings and store in a variable.
- ☒ C. Semicolons are essential while combining separate statements in a line.
- ☐ D. The conditional operator uses semicolons to differentiate between the code to execute how an expression evaluates.

Vraag 23 van 38

Consider the following code.

```
var counter = 0;  
document.write(counter++);  
document.write(counter++);  
document.write(counter++);
```

What will be the result of this code snippet when run in the browser?

- ☒ A. 012
- ☐ B. 123
- ☐ C. 000
- ☐ D. 0++0++0++

Vraag 24 van 38

Considering a Boolean value that is true, which of the following casting rules is incorrect while concatenating?

- A. "string" + 3 equals "string3"
- B. "string" + true equals "stringtrue"
- C. 1 + 4 equals 5
- D. 9 + true equals "9true"**

Vraag 25 van 38

Consider the following code snippet:

```
var myVar1 = "25";  
    var myVar2 = 25;
```

What is the difference between myVar1 and myVar2?

- A. Data type.**
- B. No difference.
- C. Value.
- D. Scope.

Vraag 26 van 38

Which of the following statements is true of the undefined data type?

- A. It assigns a string value "undefined" to the variable with data type as undefined.
- B. It is not similar to the null data type in any aspect.**
- C. It is the value taken by the variables that don't have any value assigned to them.**
- D. It defines a value that does not exist.

Vraag 27 van 38

Which data type is a variable that has no value assigned to it yet?

- A. null
- B. string
- C. boolean
- D. undefined**

Vraag 28 van 38

Consider the following code snippet:

```
var age = 18;
var testValue = (age < 21) ? 'Teenager':
'Adult';
```

What is the value of testValue in the given code snippet after execution?

- ☒ A. Teenager
- ☐ B. 18
- ☐ C. 21
- ☐ D. true

Vraag 29 van 38

What are JavaScript keywords?

- ☐ A. Standardized patterns for naming variables.
- ☐ B. Key-value pairs that have specific uses.
- ☒ C. Special words that cannot be used as identifiers.
- ☐ D. Special keys that authenticate the JavaScript code.

Vraag 30 van 38

Which of the following declares a variable with global scope?

- ☐ A. let var1 = 15;
- ☐ B. const var2 = 15;
- ☒ C. var var3 = 15;
- ☐ D. global var4 = 15;

Vraag 31 van 38

Which of the following statements is true of JavaScript keywords and/or reserved words?

- ☒ A. You cannot use reserved words as names for objects.
- ☐ B. You can use reserved words as names for variables.
- ☐ C. You can use reserved words but not keywords as names for objects.
- ☐ D. All keywords are specific to particular versions of JavaScript.

Vraag 32 van 38

In the given variable declaration, which of the following is the object?

```
var cert = {vendor:"CIW"; id:"1d0-735"; name:"JavaScript Specialist";}
```

- ☒ A. cert
- ☐ B. vendor
- ☐ C. CIW
- ☐ D. vendor, name, id

Vraag 33 van 38

Which of the following is true of the variables declared using let and const?

- ☒ A. Variables declared using let have block scope, but the variables declared using const have a global scope.
- ☐ B. Variables declared using const must be initialized at the declaration, while the variables declared using let can be initialized anywhere.
- ☐ C. Variables declared using const are hoisted but the variables declared using let are not.
- ☐ D. Values of variables declared using const or let cannot be changed.

Vraag 34 van 38

Consider the following code:

```
var myVar = (3 < 5) ? 3 : 5;
```

What is the value of myVar after the execution of this script?

- ☐ A. 2
- ☒ B. 3
- ☐ C. 5
- ☐ D. 35

Vraag 35 van 38

Which of the following data types is a non-primitive data type?

- ☒ A. array
- ☐ B. string
- ☐ C. null
- ☐ D. number

Vraag 36 van 38

Which JavaScript operator indicates concatenation?

- ☒ A. +
- ☐ B. =
- ☐ C. ++
- ☐ D. &&

Vraag 37 van 38

Which of the following is NOT a valid variable name in JavaScript?

- ☒ A. this
- ☐ B. that
- ☐ C. _this
- ☐ D. _that

Vraag 38 van 38

What is the return type of the confirm() method?

- ☐ A. Integer
- ☐ B. String
- ☒ C. Boolean
- ☐ D. Null