

Oefenopgaven Applied JavaScript 2

Vraag 1 van 29

In JavaScript, what is the purpose of the form object?

- A. To enclose the HTML <form> tags.
- B. To represent all the forms in a single website.
- C. To access all properties of a form.
- D. To replace the HTML <form> tags.

Vraag 2 van 29

Which property is NOT supported by the hidden object?

- A. type
- B. value
- C. name
- D. autofocus

Vraag 3 van 29

Which event handler of the select object specifies the JavaScript code to execute when a user moves the cursor to the select list?

- A. onsubmit
- B. onblur
- C. onchange
- D. onfocus

Vraag 4 van 29

Which JavaScript event handler is triggered when a user clicks the mouse button outside of a particular field after typing input there?

- A. onblur
- B. onclick
- C. onfocus
- D. onmouseout

Vraag 5 van 29

Consider the following code using a checkbox object:

```
<html>
<head>
  <title>Check Box Confirm</title>
  <script type="text/javascript">
    function confirmBox() {
      if (document.forms[1].checkThis.checked) {
        alert("The box is checked.");
      } else {
        alert("The box is not checked at the
moment.");
      }
    }
  </script>
</head>
<body>
  <form>
    <input checked="checked" z-index="1" type="checkbox"
name="checkThis" /> Select the check box
    <br/>
    <input type="button" value="Confirm Box"
onclick="confirmBox()" />
  </form>
</body>
</html>
```

What will happen when the Confirm Box button is clicked?

- A. Depending on a user action, one of the two alert boxes will display.
- B. An error will return because the wrong form is identified in the **if** statement.
- C. Regardless of a user action, the alert box that says "The box is checked" will display due to a coding error.
- D. Regardless of a user action, the alert box that says "The box is not checked at the moment" will display due to a coding error.

Vraag 6 van 29

Which of the following statements is true of the hidden form element?

- A. It is visible to a user only when the submit button is clicked.
- B. The value of the hidden element cannot be changed even with browser developer tools.
- C. The value of the hidden element is submitted with the form which is unseen to a user.
- D. The value of the hidden element can be changed directly from the rendered page.

Vraag 7 van 29

Which two objects are NOT supported on the Safari browser?

- A. color and email
- B. color and URL
- C. email and URL
- D. email and search

Vraag 8 van 29

Which property of the form object returns the number of elements in the form?

- A. length
- B. elements
- C. encoding
- D. target

Vraag 9 van 29

Which form event handler executes the specified code when the value of an element is modified from the default?

- A. onfocus
- B. onchange
- C. onmodify
- D. onsubmit

Vraag 10 van 29

Which event is triggered on the <select> element when the selection is modified?

- A. onblur
- B. onchange
- C. onfocus
- D. onselect

Vraag 11 van 29

Consider the following select list:

```
<select id="numlist">
    <option value="a">Alpha</option>
    <option value="b">Beta</option>
    <option value="c">Charlie</option>
    <option value="d">Delta</option>
</select>
```

Which of the following will select the third option in the list?

- A `document.getElementById("numlist").options[2].selectedIndex();`
- B `document.getElementById("numlist").options.selectedIndex = 2;`
- C `document.getElementById("numlist").selected = 3;`
- D `document.getElementById("numlist")[3].selected(true);`

Vraag 12 van 29

Which of the following will you add to the regular expression that allows the matching of the letters in postal codes?

- A. `\w`
- B. `\W`
- C. `\s`
- D. `\S`

Vraag 13 van 29

Which of the following adds a color picker on a webpage and specifies the default color as red?

- A. `<input type="color" value="red" />`
- B. `<input type="picker" value="red" />`
- C. `<input type="color" default="red" />`
- D. `<input type="picker" default="red" />`

Vraag 14 van 29

Which property is used to control the granularity of the range input type?

- A. `value`
- B. `max`
- C. `range`

D. step

Vraag 15 van 29

Which of the following input types masks the value entered by users?

- A. text
- B. email
- C. url
- D. password

Vraag 16 van 29

Consider the following code:

```
<html>
  <head>
  </head>
  <body>
    <p>What's your favorite color?</p>
    <form name="myForm">
      <input type="radio" name="rdoGroup1" id="opt1"
value="Red"/>Red<br/>
      <input type="radio" name="rdoGroup1" id="opt2"
value="Orange"/>Orange<br/>
      <input type="radio" name="rdoGroup1" id="opt3"
value="Purple"/>Purple<br/>
    </body>
  </html>
```

Which of the following methods could be used to change the value of the first radio button?

- A. document.rdoGroup1.value = "Green"
- B. document.myForm.rdoGroup1[0].value = "Green"
- C. document.getElementById(rdoGroup1).value = "Green"
- D. document.getElementById("rdoGroup1").value = "Green"

Vraag 17 van 29

Which example shows proper JavaScript syntax for referring to a form object named newForm having a text box named fieldName?

- A. document.newForm.fieldName.value;
- B. window.newForm.fieldName.value;
- C. form.newForm.fieldName."value"
- D. document.newForm[fieldName].value;

Vraag 18 van 29

Consider the following HTML form:

```
<form id="f1">
    <input type="text" value="Enter name" />
    <select id="brand">
        <option value="">Please select a brand</option>
        <option value="true">BMW</option>
        <option value="Audi">Audi</option>
    </select>
    <input type="submit" />
</form>
```

Which of the following expressions will make sure that a user enters a value in the text field before submitting the form?

- A. `document.forms[0].elements[0].value = required;`
- B. `document.forms[0].elements[0].checkValidity = true;`
- C. `document.forms[0].elements[0].required = true;`
- D. `document.forms[0].elements[0].name = required;`

Vraag 19 van 29

Which event handler of the **select** object specifies the JavaScript code to execute when the **select** object loses focus after a user makes a selection, but only if the user selects an option other than the default?

- A. `onblur`
- B. `onclick`
- C. `onfocus`
- D. `onchange`

Vraag 20 van 29

Which property of the form object returns the number of elements in a form?

- A. `size`
- B. `count`
- C. `length`
- D. `elements`

Vraag 21 van 29

Which of the following protocols is used to protect the user data during transmission?

- A. SSL
- B. SSH
- C. IPsec
- D. HTTPS

Vraag 22 van 29

Which of the following is a disadvantage of client-side form validation?

- A. Validating forms on the client's machine increases the network load.
- B. Users can change JavaScript that validates the form input using browser tools.
- C. Validity of submitted forms decreases.
- D. Users receive feedback on incorrect input only after the form is submitted.

Vraag 23 van 29

Consider the following HTML form:

```
<form id="f1">
    <select id="brand" disabled>
        <option value="">Please select a brand</option>
        <option value="true">BMW</option>
        <option value="Audi">Audi</option>
    </select>
</form>
```

Which of the following expressions will allow a user to interact with the select statement?

- A. `document.forms[0].elements[0].disabled = false;`
- B. `document.forms[0].elements[0].hidden = false;`
- C. `document.forms[0].elements[0].enabled = true;`
- D. `document.forms[0].elements[0].canEdit = true;`

Vraag 24 van 29

Which form object will you use to mask the value entered by a user (i.e., hide the actual value of the input)?

- A. `hidden`
- B. `disabled`
- C. `text`
- D. `password`

Vraag 25 van 29

Which attribute of the file object is used to define the types of files to be uploaded?

- A. accept
- B. file
- C. type
- D. filetype

Vraag 26 van 29

Which of the following should be done while adding validation to a form?

- A. Test the form validation on a single browser.
- B. Test multiple fields in one validation.
- C. Alert messages should be discursive.
- D. Validations should not override each other.

Vraag 27 van 29

Consider the following code:

```
<form action="#" name="myForm" method="get">
    <input type="text" value="Type here"
name="firstvalue"/>
    <button
onclick="document.myForm.elements[1].disabled=true;
return false;">Surprise!</button>
</form>
```

What is the expected result of clicking the button?

- A. Nothing will change.
- B. The form will disable itself.
- C. The button will become unresponsive.
- D. The text field will become unresponsive.

Vraag 28 van 29

Consider the following HTML block:

```
<select id="car">
  <option value="">Please select a brand</option>
  <option value="BMW">BMW</option>
  <option value="Audi">Audi</option>
  <option value="Porsche">Porsche</option>
</select>
```

Which of the following expressions will change the selected index to 2?

- A. brand.options[2]= true;
- B. brand.options[2].value = true;
- C. brand.options[2].checked = true;
- D. brand.options[2].selected = true;

Vraag 29 van 29

Which method can be used to increase option elements in the **select** object?

- A. item()
- B. option()
- C. value()
- D. add()