

Week#1

What is the process that starts when a user types a URL into their browser?

- A) The server sends a request over the network to a web browser
- B) The browser sends a request over the network to a web server
- C) The browser sends a request over the network to a web client
- D) The server sends a request over the network to a web server

Answer: B

What is the purpose of the isNaN() method in JavaScript?

- a) Returns the integer equivalent of its argument
- b) Returns the float equivalent of its argument
- c) Returns true if the argument cannot be converted to a number
- d) Returns false if the argument cannot be converted to a number

Answer: C

Which of the following is a correct way to create an empty array in JavaScript?

- A) `var a = new Array();`
- B) `var a = [];`
- C) `var a = [];`
- D) Both A and B

Answer: D

Week#2

Which of the following properties returns the text value of an HTML element?

- a) `x.innerHTML`
- b) `x.nodeName`
- c) `x.parentNode`
- d) `x.childNodes`

Answer: A

How can you retrieve HTML elements using their class name?

- a) document.getElementsByTagName('class')
- b) document.getElementById('class')
- c) document.getElementsByClassName('class')
- d) document.querySelector('.class')

Answer: C

Week#3

What is the output of the following script?

```
function counts(number1=5, number2=getParm()) {  
  console.log(number1 + ',' + number2);  
}
```

```
function getParm() {  
  return 30;  
}
```

```
counts(undefined, 90);
```

- a. 5,30
- b. 90,30
- c. 5,90
- d. 90,10

Answer: C

Can a function be defined anywhere in a script?

- a) Yes, anywhere
- b) No, it must be declared at the top of the document
- c) No, it must be declared inside the <head> element
- d) Only if it is assigned to a variable first

Answer: A

Week#4

What is hoisting in JavaScript?

- a) Hoisting is the process of lifting the functions and variables to the top of the scope in which they are declared.
- b) Hoisting is the process of declaring functions and variables in the global scope.
- c) Hoisting is the process of executing functions before their declarations.
- d) Hoisting is the process of creating the identifiers for the variables and functions.

Answer: A

What are function expressions in JavaScript?

- a) Functions that don't have names and are associated with a variable or event
- b) Functions that have names and are associated with a variable or event
- c) Functions that don't have names and are associated with a class or object
- d) Functions that have names and are associated with a class or object

Answer: A

What is the difference between 'undefined' and 'not defined' in JavaScript?

- a) 'Undefined' means a variable or function has not been declared, while 'not defined' means a variable or function has been declared but not assigned a value
- b) 'Undefined' means a variable or function has been declared but not assigned a value, while 'not defined' means a variable or function has not been declared
- c) 'Undefined' and 'not defined' have the same meaning in JavaScript
- d) None of the above

Answer: A

What is the output of the following code?

```
const x = 90;  
const y = 3;  
const showMe = () => {  
  console.log(x/y) ;  
};  
showMe(x, y) ;
```

- a) 30
- b) Error
- c) Undefined
- d) null

Answer: C

Week#5

Which tag is used to create a multi-line input area for text?

- a) <fieldset>
- b) <textarea>
- c) <input>
- d) <legend>

Answer: B

What is the main purpose of a form element?

- a) To collect and display data
- b) To provide information about the website
- c) To store information for future use
- d) To send data to remote servers

Answer: D

What is the onSubmit attribute used for in the <form> tag?

- A) To group related controls on a form
- B) To create the form for user input
- C) To call a client-side function
- D) To tell the browser what page/script to call once the form is submitted

Answer: C

How can you access form contents using an id attribute on every input element?

- A) document.getElementById('...')
- B) document.forms["form name"]["input element name"]
- C) document.forms['form name'][input element number]
- D) document.forms[form number][input element number]

Answer: A