

E-Box App | We Revolution

https://persistentpro.e-box.co.in/attempt/177298

GEMS JS_HTML_CSS Combined_Test

00:00:42:19

Review & Finish

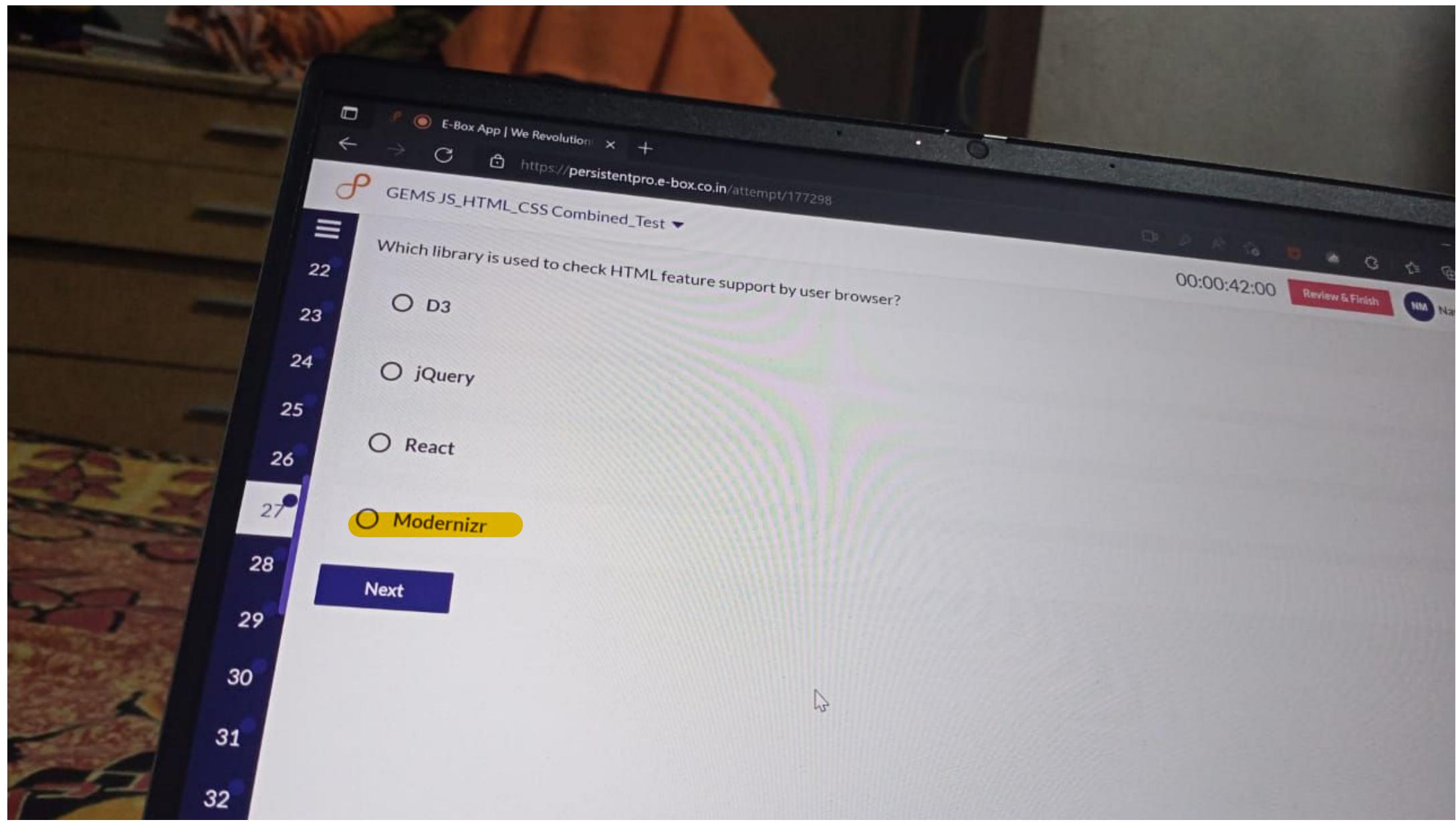
NM Nayan

Which event will help us to manage response processing in an asynchronous call?

- onreadystatechange
- onchange
- onreadystatechangechange
- onresponse

Next

The image shows a mobile device displaying a web-based test interface. The URL in the address bar is https://persistentpro.e-box.co.in/attempt/177298. The page title is "GEMS JS_HTML_CSS Combined_Test". A question is displayed: "Which event will help us to manage response processing in an asynchronous call?". Four options are listed: "onreadystatechange", "onchange", "onreadystatechangechange", and "onresponse". The option "onreadystatechangechange" is highlighted with a yellow box. On the left side of the screen, there is a vertical sidebar with numbers 20 through 29. At the bottom, there is a blue button labeled "Next". The top right corner of the screen shows a timer at "00:00:42:19" and a red button labeled "Review & Finish". A user profile is visible in the top right corner, showing the name "Nayan".



Which of the following tag represents a section of the document intended for navigation in HTML5?

footer

nav

aside

header

Next

00:00:41:21

Review & Finish

NM Nayan Mahata

In CSS3 the line between two columns can be specified by the _____ property.

column-line

column-rule

horizontal-rule

line-rule

Next

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E-Box App | We Revolution

<https://persistentpro.e-box.co.in/attempts/177298>

GEMS JS_HTML_CSS Combined_Test

00:00:18:52

Review



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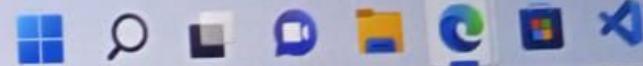
44

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CSS3 introduces _____ for responsive web design & allows developers to target different devices.

 Flexbox Media Querries float property inline-block[Next](#)91°F
Cloudy



E-Box App | We Revolutionize



https://persistentpro.e-box.co.in/attempt/177298



GEMS JS_HTML_CSS Combined_Test

00:00:19:16

Review & Finish

NM Nayan

CSS3 property that changes the origin of the item to be drawn from?

- transform:translate(100,100)
- translate:transform(100,100)
- transform:rotate()
- None of the above

41

Next

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Which of the following is not a valid HTML5 input type?

datetime

url

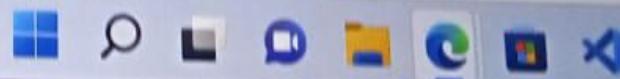
data

number

Next



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Which boolean valued attribute plays the media as soon as the video control load?

play()

autoplay

onload()

None of the above

Next

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Cloudy





What is an alternative storage API for cookies in HTML5?

- Web beacons
- Java script Objects
- Local Storage
- None of the above

Next

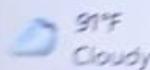
46

47

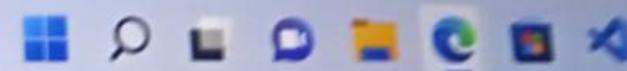
48

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Which is designed for storage that spans multiple windows, and lasts beyond the current session.

Session Storage

Window Storage

Local Storage

All of the above

Next

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https://persistentpro.e-box.co.in/attempt/177298
GEMS JS_HTML_CSS Combined_Test

Select the correct code snippet that will post a message in JSON format to a web worker.

00:00:15:03 Review & Finish NM

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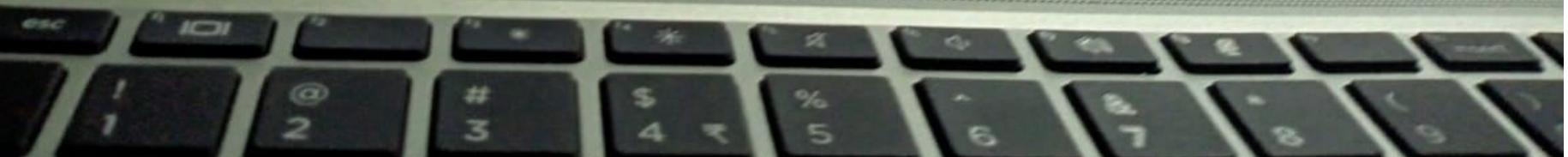
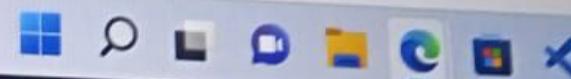
var result = [];
myWorker = new Worker("fibworker.js");
myWorker.sendWorkerMessage({'seriesLen': 40, 'resultArray': result});

var result = [];
myWorker = new Worker("fibworker.js");
myWorker.postMessage({'seriesLen': 40, 'resultArray': result});

var result = [];
myWorker = new Worker("fibworker.js");
myWorker.postMessage({'seriesLen': 40, 'resultArray': result});

var result = [];
myWorker = new Worker("fibworker.js");
myWorker.postMessage({'seriesLen' = 40; 'resultArray' = result});

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GEMS JS_HTML_CSS Combined_Test

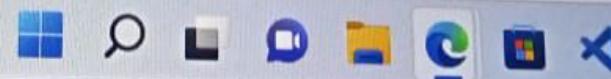
Which of the following are correct about web workers in HTML5?

- Web workers are scripts that run in their own background thread.
- Web workers are for performing a computationally expensive task without interrupting the user interface.
- A web worker is a JavaScript that runs in the background, independently of other scripts, without affecting the performance of the page.
- All of the above

Next



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E-Box App | We Revolution 00:00:42:10

https://persistentpro.e-box.co.in/attempt/177298 Review & Finish

Nayan Mahata

GEMS JS_HTML_CSS Combined_Test

How we can indicate to the browser about the encoding to be used in the page.

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Using charset element in the page header.

Using meta element with the charset attribute in the page header.

Using content element with the encoding attribute in the page header.

None of above

Next

A yellow brush stroke highlights the second option: "Using meta element with the charset attribute in the page header."

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GEMS JS_HTML_CSS Combined_Test

00:00:14:19 Review & Finish NM Nayan Mahorta

Which of the following is correct about geolocation api in HTML5?

40 HTML5 Geolocation API lets you share your location with your web sites.

41 A Javascript can capture your latitude and longitude and can be sent to backend web server and do fancy location-aware things like finding local businesses or showing your location on a map.

42 Today most of the browsers and mobile devices support Geolocation API.

43 All of the above

44

45 All of the above

46 All of the above

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Finish

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hp

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GEMS JS_HTML_CSS Combined_Test ▾

00:00:40:51 Review

Which HTML tag is used to include an external style sheet?

- <style>
- <link>
- <rel>
- <script>

Next

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GEMS JS_HTML_CSS Combined_Test

00:00:41:40

Review & Finish

NM Nayan Mahat

The _____ element is used to mark up a collection of links to external pages or sections within the current page.

24 <header>

25 <link>

26 <nav>

27 <aside>

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30 Next

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The screenshot shows a mobile browser window on an E-Box App. The URL is https://persistentpro.e-box.co.in/attempt/177298. The test section is titled "GEMS JS_HTML_CSS Combined_Test". A question is displayed: "The _____ element is used to mark up a collection of links to external pages or sections within the current page." Below the question are five options, each preceded by a radio button: "<header>", "<link>", "<nav>", "<aside>", and another option whose number is partially visible. The option "<nav>" is selected and highlighted with a yellow outline. On the left side of the screen, there is a vertical sidebar with question numbers 24 through 33 listed vertically. At the bottom of the screen, there is a blue "Next" button. The top right corner of the screen shows a timer at "00:00:41:40" and a red "Review & Finish" button. The top right also displays the user's name, "Nayan Mahat", with initials "NM".

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GEMS JS_HTML_CSS Combined_Test

00:00:40:33

Review & Finish

Select correct code to declare a media query in CSS document

@media only screen and (max-width: 480px) {}

@screen only media and (max-width: 480px) {}

@responsive only screen and (max-width: 480px) {}

\$media only screen and (width: 480px) {}

Next

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https://persistentpro.e-box.co.in/attempt/177298

GEMS JS_HTML_CSS Combined_Test

How do you insert a comment in a CSS3 file?

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31 /* Comment in CSS */

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00:00:41:11

Review & Finish

Next

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GEMS JS_HTML_CSS Combined_Test

00:00:42:28

Review & Finish

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What will happen if the name of the Ajax callback function is mis-spelt while registering it on readystate change of an XMLHttpRequest object?

19

20 Ajax response will not be processed but no error will be shown

21 Error is shown when page is first loaded

22 Error is shown when response is received

23 Error is shown when request is sent

24 Cannot say - depends on browser

Next

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GEMS JS_HTML_CSS Combined_Test

00:00:39:56 Review

The Bootstrap grid system is based on how many columns?

- 10
- 16
- 14
- 12

Next

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https://persistentpro.e-box.co.in/attempt/177298

GEMS JS_HTML_CSS Combined_Test

State True or False :
We can have articles & sections within each other.

True

False

Next

00:00:41:31

Review & Finish

NM Nayan

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A screenshot of a web browser displaying a GEMS JS_HTML_CSS Combined_Test. The question asks if it's true that we can have articles & sections within each other. Two options are shown: 'True' (selected) and 'False'. A 'Next' button is at the bottom. On the left, a vertical list shows items numbered 25 through 34. The top right shows a timer at 00:00:41:31 and a 'Review & Finish' button. The bottom right shows a user profile for 'NM Nayan'.

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GEMS JS_HTML_CSS Combined_Test

00:00:42:38 Review & Finish Nayan Mahata

Which of the following is used as the format for transferring data?

- 18 XMLHttpRequest
- 19 JavaScript/DOM
- 20 CSS
- 21 XML
- 22
- 23
- 24 Next
- 25
- 26
- 27

GEMS JS_HTML_CSS Combined_Test

00:00:40:14

Review & Finish

NM

What base point is taken for displaying element as per following css selector
#box2{
position: relative;
left:20px;
top:20px;
}

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It is positioned relative to the nearest positioned ancestor

It is positioned relative to its normal position.

It is positioned Relative to browser window

none of the above

Next



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GEMS JS_HTML_CSS Combined Test

What values does text-shadow in CSS3 accept?

- X-coordinate, Y-coordinate, color of the shadow
- X-deg, Y-deg, color of the shadow
- X-coordinate, Y-coordinate, blur radius, color of the shadow
- None of the above

00:00:40:24

Review & Finish

32

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Next

Which boolean attribute makes an input field value mandatory for end user to enter.

validate

required

mandatory

bind

Next

49

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https://persistentpro.e-box.co.in/attempt/177298

GEMS JS_HTML_CSS Combined_Test

00:00:40:05 Review & Finish NM Nayan

What will be displayed on page if the below input type (number) is not supported by the user's browser?
`<input type="number" id="age" />`

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It will display an error (typeNotSupported) on the page.

It will display a plain text box.

It will not display anything.

None of the Above

Next

Suppose there are 2 element nodes having same identifier as :-
<h1 id="heading" id="heading">first</h1>
<h1 id="heading">second</h1>

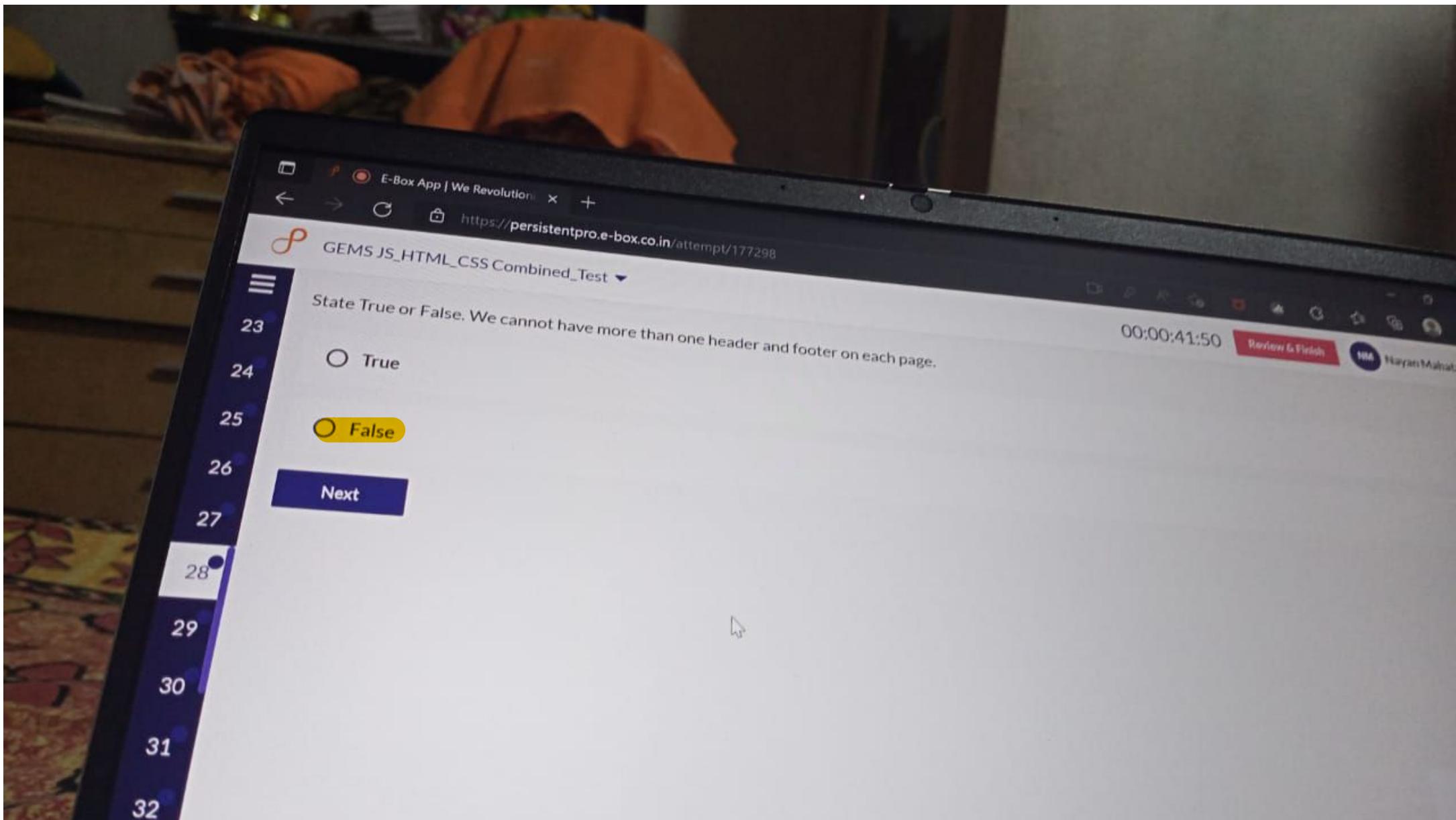
What will be the output if we write document.getElementById("heading").innerText = "updated heading";? (Assume , Browsers : Chrome, IE)

- updated heading
second
- updated heading
updated heading
- first
second
- first
updated heading
- Run time error

00:00:46:19

Review & Finish

NM Nayan Mahata



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https://persistentpro.e-box.co.in/attempt/177298

GEMS JS_HTML_CSS Combined_Test

Suppose in a html file, there is a button inside one div as :-

```
<div id="section1">
<button id="submit" >Submit</button>
</div>
```

Java script code is :-

```
document.getElementById("submit").onclick = buttonHandler;
document.getElementById("section1").onclick = divHandler;

function buttonHandler() {
    console.log("button handler");
}

function divHandler() {
    console.log("div handler");
}
```

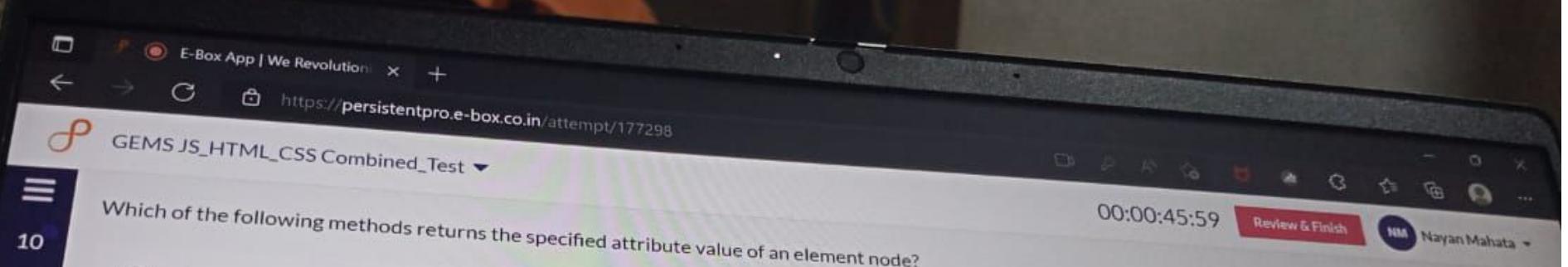
What will be the output when button is clicked?

00:00:45:08 Review & Finish NM Nayan Mahata

div Handler
 button Handler
 div Handler
 button Handler
 Run time error

Next





Next

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https://persistentpro.e-box.co.in/attempt/177298

GEMS JS_HTML_CSS Combined_Test

00:00:43:03

Review & Finish

Nayan Mahata

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Which of the following inbuilt JavaScript objects will help us fetch more details about the event occurred on page?

event

document

node

element

Next

The image shows a screenshot of a web browser window titled "E-Box App | We Revolution". The URL in the address bar is "https://persistentpro.e-box.co.in/attempt/177298". The main content area displays a question from a test titled "GEMS JS_HTML_CSS Combined_Test". The question is: "Which of the following inbuilt JavaScript objects will help us fetch more details about the event occurred on page?". There are four options: "event" (selected), "document", "node", and "element". Below the options is a blue "Next" button. On the left side of the screen, there is a vertical sidebar with question numbers 17 through 27. On the right side, there is a user profile section with a picture, the name "Nayan Mahata", and a timestamp "00:00:43:03". The browser has a dark theme.

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https://persistentpro.e-box.co.in/attempt/177298

GEMS JS_HTML_CSS Combined_Test

00:00:43:15 Review & Finish Nayan Mahata

Assume there is a button with id "btn1".
Code snippet of event registering is given below:

```
window.onload = function() {  
    document.getElementById("btn1").onclick = method1;  
    document.getElementById("btn1").onclick = method2;  
}
```

Assume there are 2 functions named "method1" and "method2". What will happen when the button "btn1" is clicked?

Execution order will be method1 and then method2

Only method1 will be called

Only method2 will be called

Order of execution not known

Next

How to invoke the function showSelected(..) in the code given below so that the textbox "two" has value "1" in it? Place the correct code in place of the comment just before the body tag ends?

```
7  
8  
9  
10  
11 <html>  
12   <script>  
13     function showSelected(id, e)  
14     {  
15       document.getElementById(id).value = e.options[e.selectedIndex].text;  
16     }  
17   </script>  
18   <body>  
19     <!-- remaining html follows -->  
  
20     <select id="one">  
21       <option>1</option>  
22       <option>2</option>  
23     </select>  
  
24     <input type="text" id="two"/>  
  
25     <!-- place call to modify function here -->  
26   </body>  
27 </html>
```

- 00:00:46:57 Review & Finish NM Nayan Mahata
- <script>showSelected("two", "one")</script>
 - <script>showSelected(document.getElementById("two"), document.getElementById("one"))</script>
 - <script>showSelected("two", document.getElementById("one"))</script>
 - <script>showSelected(document.getElementById("two"), "one")</script>
 - The function cannot be called inside an html body at the specified position

Next



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https://persistentpro.e-box.co.in/attempt/177298

GEMS JS_HTML_CSS Combined_Test

Which HTML attribute is used to define inline styles?

Style

Class

font

Styles

Next

00:00:41:02

Review & Finish

HM

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To block the user from entering space into the text box in JavaScript we can implement event handler for

- onblur event of text box
- onkeypress event of text box.
- onfocus event of text box
- onclick event of textbox

Next

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https://persistentpro.e-box.co.in/attempt/177298

GEMS JS_HTML_CSS Combined_Test ▾

00:00:47:36 Review & Finish NM Nayan Mahata ▾

What will be the output?

```
var obj1 = {  
    role : "developer",  
  
    setRole : function(v){  
        this.role = v;  
    },  
  
    getRole : function(){  
        return this.role;  
    }  
};  
  
Object.defineProperty(obj1,"role",{  
    value : "tester",  
    writable : false  
});  
  
obj1.setRole("manager");  
  
console.log(obj1.getRole());
```

developer tester manager Run time error

Next



E-Box App | We Revolution! X +

https://persistentpro.e-box.co.in/attempt/177298

GEMS JS_HTML_CSS Combined_Test ▾

00:00:47:22 Review & Finish NM

Which of the following is an IIFE ?

5

6 (function(x){
 return x * x;
})(10)

7

8 var f =(function(x){
 return x * x;
});
f(10)

9

10

11 Javascript doesn't support IIFE

12 None of the above

13 Next

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E-Box App | We Revolution: <https://persistentpro.e-box.co.in/attempt/177298>

GEMS JS_HTML_CSS Combined_Test

00:00:47:12 Review & Finish Nayan M

What will be the possible output of the following JavaScript code? var a = [1,2,3,4,5];
console.log(a.slice(0,3));

[1,2,3]

[4,5]

[1,2,3,4]

[1,2,3,4,5]

Next

6

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https://persistentpro.e-box.co.in/attempt/177298

GEMS JS_HTML_CSS Combined_Test

Which are valid properties of a node?

11 A) initialChild
12 B) nodeExplanation
13 C) parentNode
14 D) previousRelative

00:00:45:30 Review & Finish HM Nayan Mahata

A B C D

Next

In general, event handler is nothing but

function

interface

event

handler

Next

- document.querySelector('#targetDiv') selects ?
- An element by Id : targetDiv
 - An element with class : targetDiv
 - All Elements with Id : targetDiv
 - All of the above

Next

00:00:45:18

Review & Finish

NM Nayan Mahata



GEMS JS_HTML_CSS Combined_Test ▾

What will be output of following Javascript code?

```
<script>  
var foo=10;  
var foo=20;  
alert(foo)  
</script>
```

10

20

Error: foo redclared

Next

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91°F

Cloudy

II persistentpro.e-box.co.in is sharing your screen.

Stop sharing





What will be the output?

```
function Employee(r){  
    this.role = r;  
    this.getRole = function(){  
        console.log(this.role);  
    };  
  
    return 0;  
}  
  
var e1 = new Employee("developer");  
  
e1.getRole();
```



developer

undefined

null

Run time error

Next

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|| persistentpro.e-box.co.in is sharing your screen.

Stop sharing

Hide



If we have declared object like below:

```
var obj = { name:'ABC'}
```

which of the following is/are the correct syntax to access 'name' of 'obj'

name["abc"]

obj["name"]

obj.name

None of the above

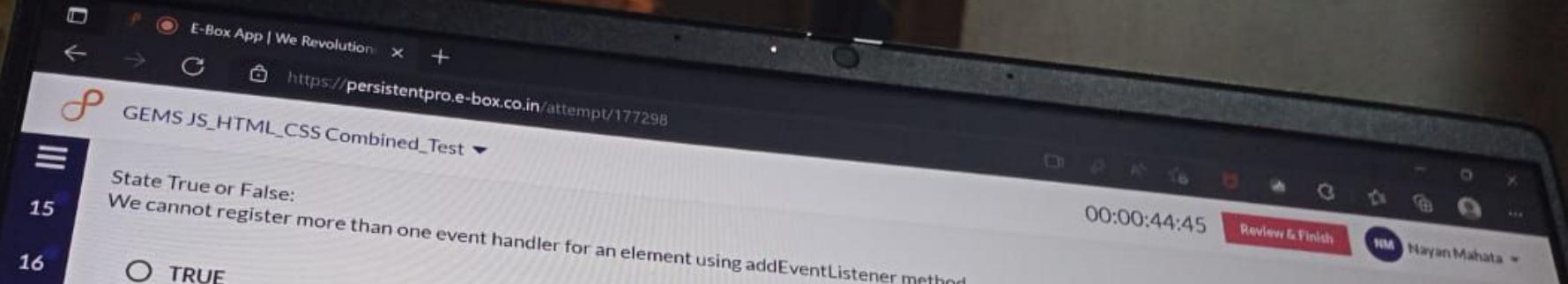
Next

13

00:00:47:49

Review & Finish

Hayan Muktaha



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