

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

☐ onreadystatechange

☐ onchange

☒ onreadystatechange

☐ onresponse

Next

GEMS JS\_HTML\_CSS Combined\_Test

Which library is used to check HTML feature support by user browser?

- ☐ D3
- ☐ jQuery
- ☐ React
- ☒ Modernizr

Next

00:00:42:00

Review & Finish

NA Na



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

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

☐ Flexbox

☒ Media Querries

☐ float property

☐ inline-block

Next

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

Next





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

☐ datetime

☐ url

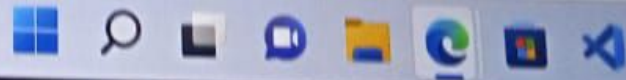
☒ data

☐ number

Next

- 38
- 39
- 40
- 41
- 42
- 43
- 44
- 45
- 46
- 47
- 48

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Cloudy





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

☐ play()

☒ autoplay

☐ onload()

☐ None of the above

Next



What is an alternative storage API for cookies in HTML5?

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

Next



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





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

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

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

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

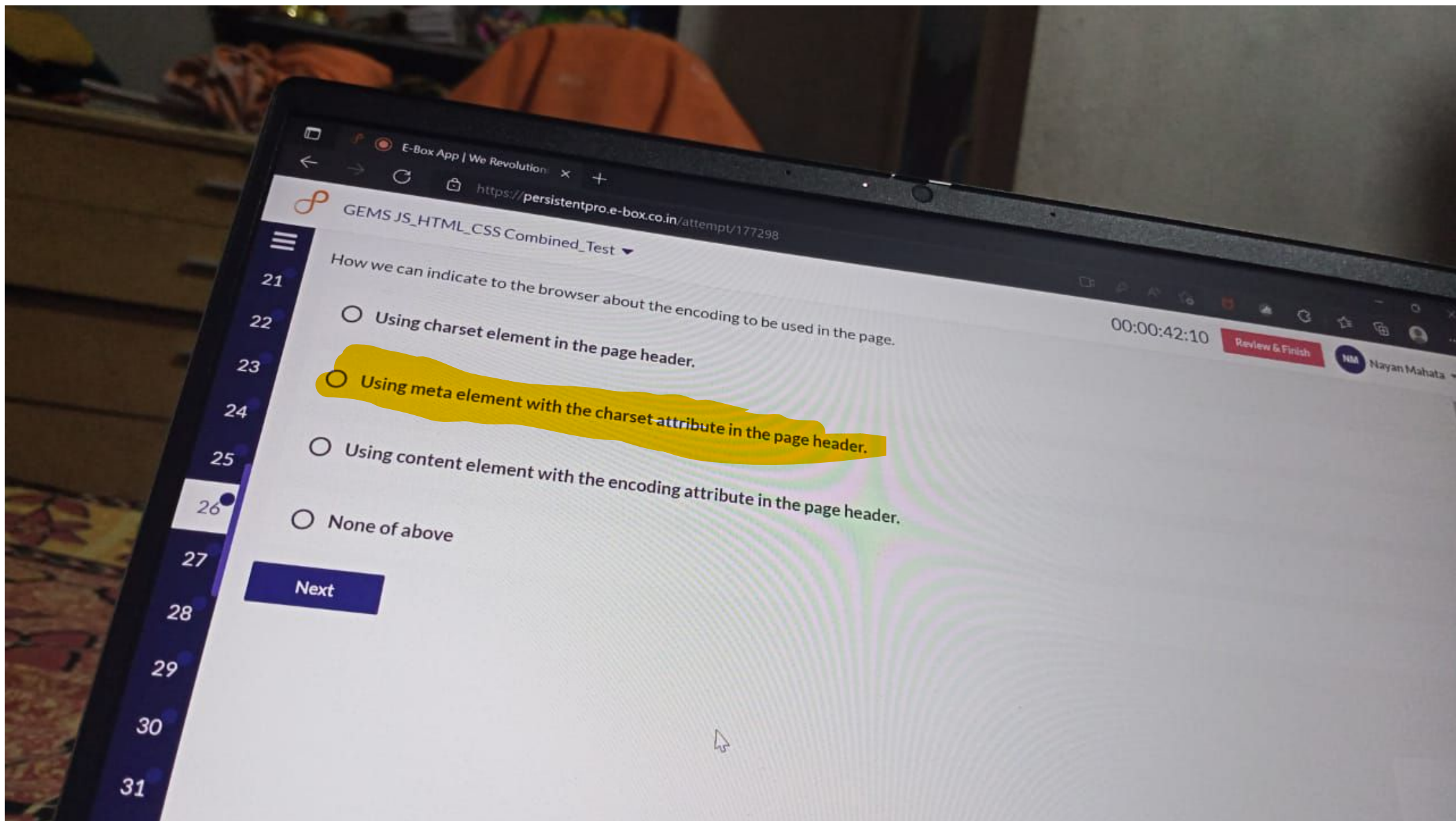
☐ `var result = [];  
myWorker = new Worker("fibworker.js");  
myWorker.postMessage({'seriesLen' = 40; 'resultArray' = result});`



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





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

- ☐ HTML5 Geolocation API lets you share your location with your web sites.
- ☐ 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.
- ☐ Today most of the browsers and mobile devices support Geolocation API.
- ☒ All of the above

Finish



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

☐ <style>

☒ <link>

☐ <rel>

☐ <script>

Next

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00:00:41:40

Review & Finish

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

☐ <header>

☐ <link>

☒ <nav>

☐ <aside>

Next

GEMS JS\_HTML\_CSS Combined\_Test

Select correct code to declare a media query in CSS document

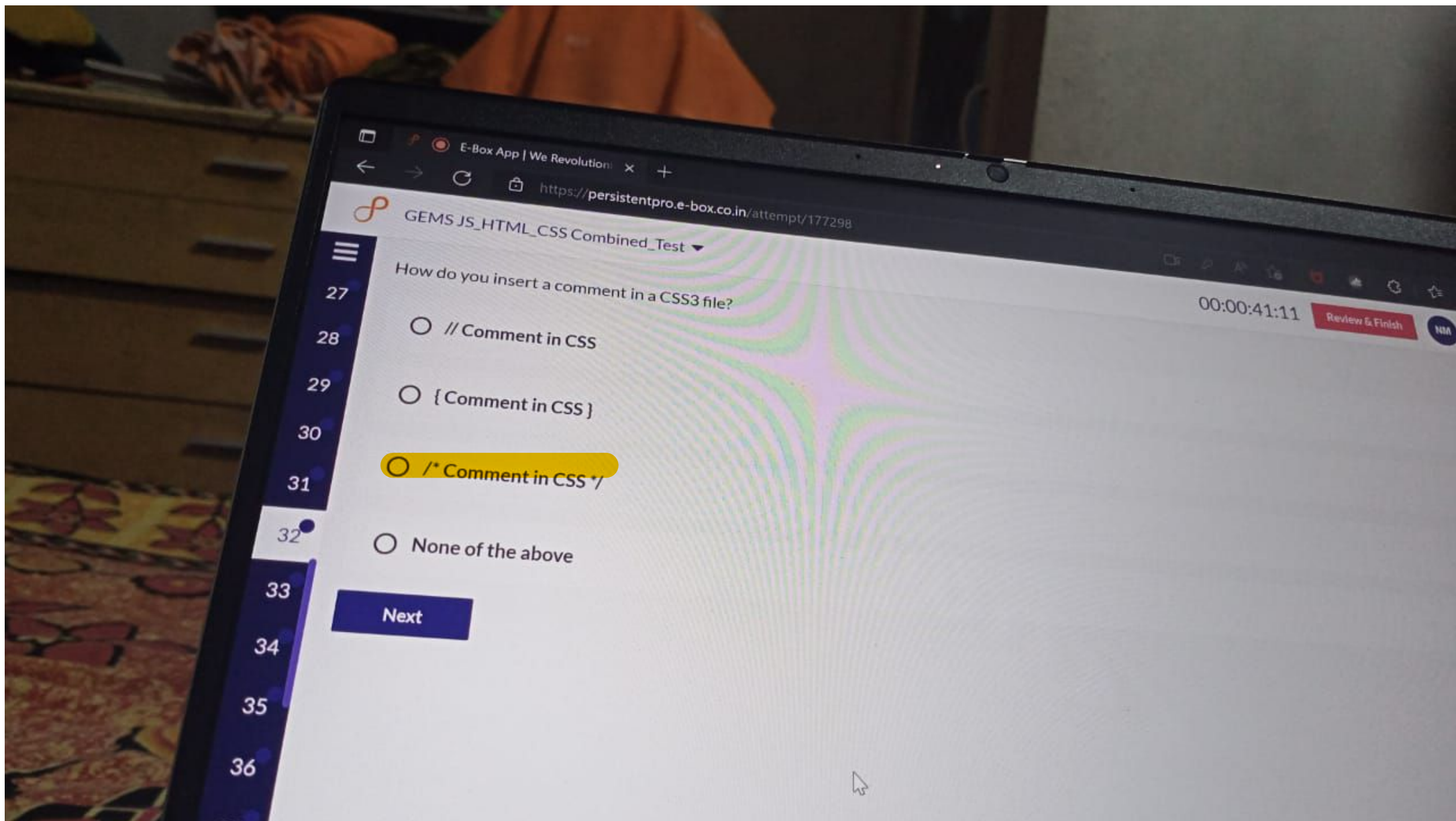
00:00:40:33

Review & Finish

- ☒ @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





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

- ☒ Ajax response will not be processed but no error will be shown
- ☐ Error is shown when page is first loaded
- ☐ Error is shown when response is received
- ☐ Error is shown when request is sent
- ☐ Cannot say - depends on browser

Next

The Bootstrap grid system is based on how many columns?

☐ 10

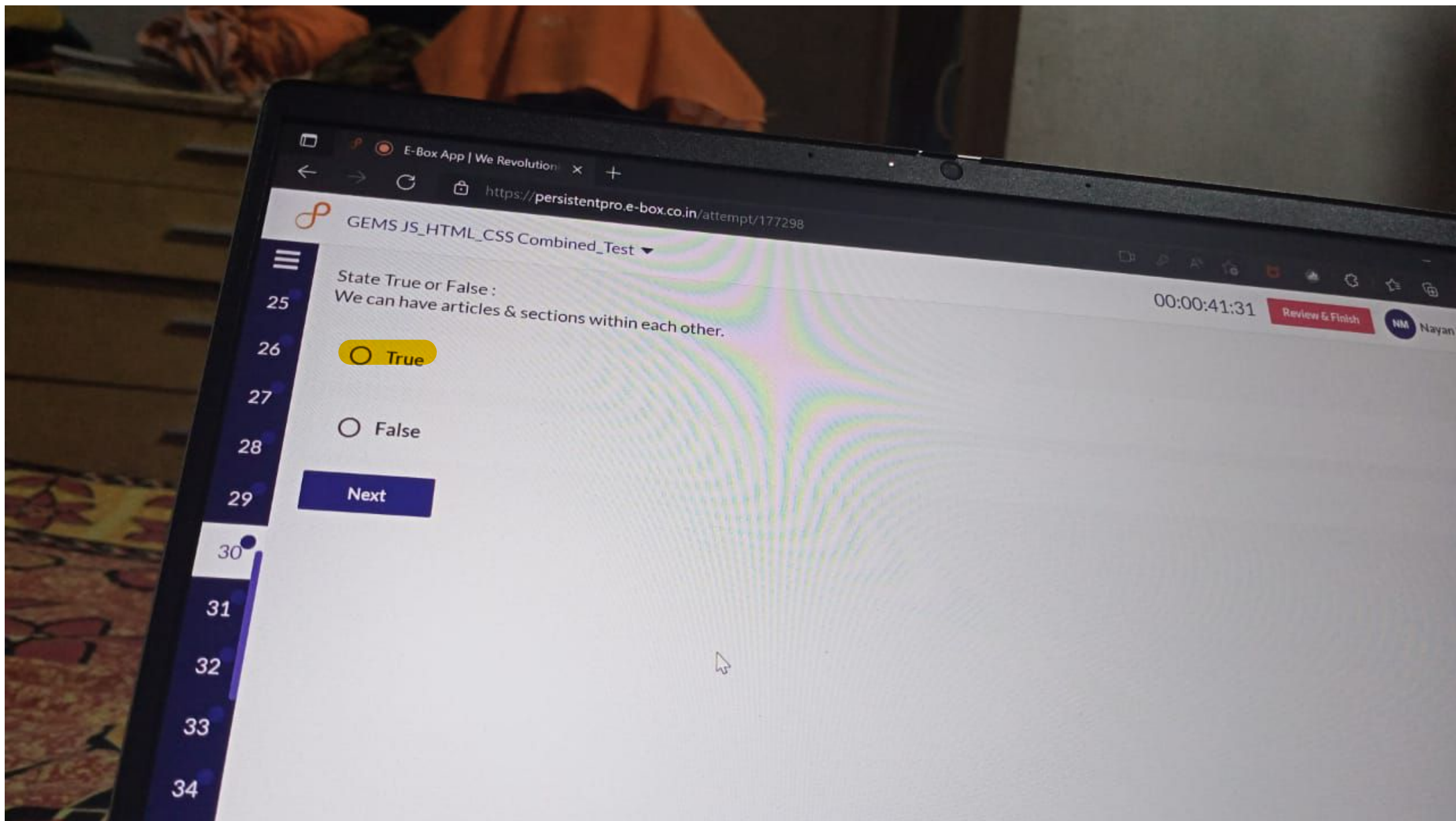
☐ 16

☐ 14

☒ 12

Next





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

☐ XMLHttpRequest

☐ JavaScript/DOM

☐ CSS

☒ XML

Next

What base point is taken for displaying element as per following css selector

```
#box2{  
position: relative;  
left:20px;  
top:20px;  
}
```

- ☐ 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



GEMS JS\_HTML\_CSS Combined\_Test

00:00:40:24 Review & Finish

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

Next



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

☐ validate

☒ required

☐ mandatory

☐ bind

Next

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" />

- ☐ 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



State True or False. We cannot have more than one header and footer on each page.

☐ True

☒ False

Next

00:00:41:50

Review & Finish



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23

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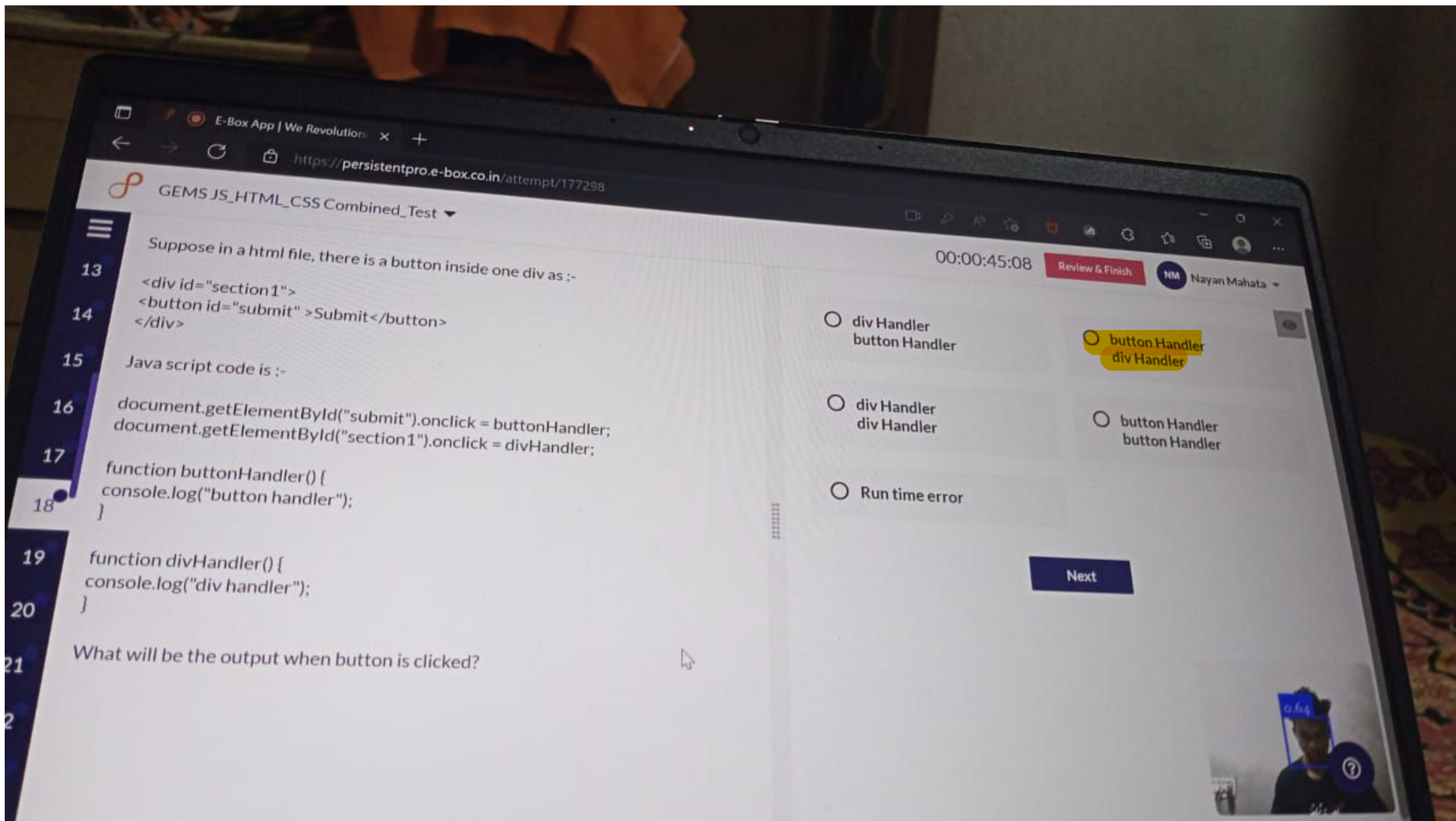
28

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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?

☐ div Handler  
button Handler

☒ button Handler  
div Handler

☐ div Handler  
div Handler

☐ button Handler  
button Handler

☐ Run time error

Next





Which of the following methods returns the specified attribute value of an element node?

- ☐ element.getElementsByTagName()
- ☒ element.getAttribute()
- ☐ element.hasChildNodes()
- ☐ element.getAttributeList()

Next

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

☒ event

☐ document

☐ node

☐ element

Next

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00:00:43:15

Review & Finish

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

```
17 window.onload = function() {  
18   document.getElementById("btn1").onclick = method1;  
19   document.getElementById("btn1").onclick = method2;  
20 }
```

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

19 ☐ Execution order will be method1 and then method2

20 ☐ Only method1 will be called

21 ☒ Only method2 will be called

22 ☐ Order of execution not known

23  
24  
25 Next



GEMS JS\_HTML\_CSS Combined\_Test

00:00:46:57

Review & Finish

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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 inplace of the comment just before the body tag ends?

```
<html>
<script>
function showSelected(id, e)
{
document.getElementById(id).value = e.options[e.selectedIndex].text;
}
</script>
<body>
<!-- remaining html follows -->

<select id="one">
<option>1</option>
<option>2</option>
</select>

<input type="text" id="two"/>

<!-- place call to modify function here -->
</body>
</html>
```

☐ <script>showSelected("two","one")</script>

☐ <script>showSelected(document.getElementById("two"),  
document.getElementById("one"))</script>

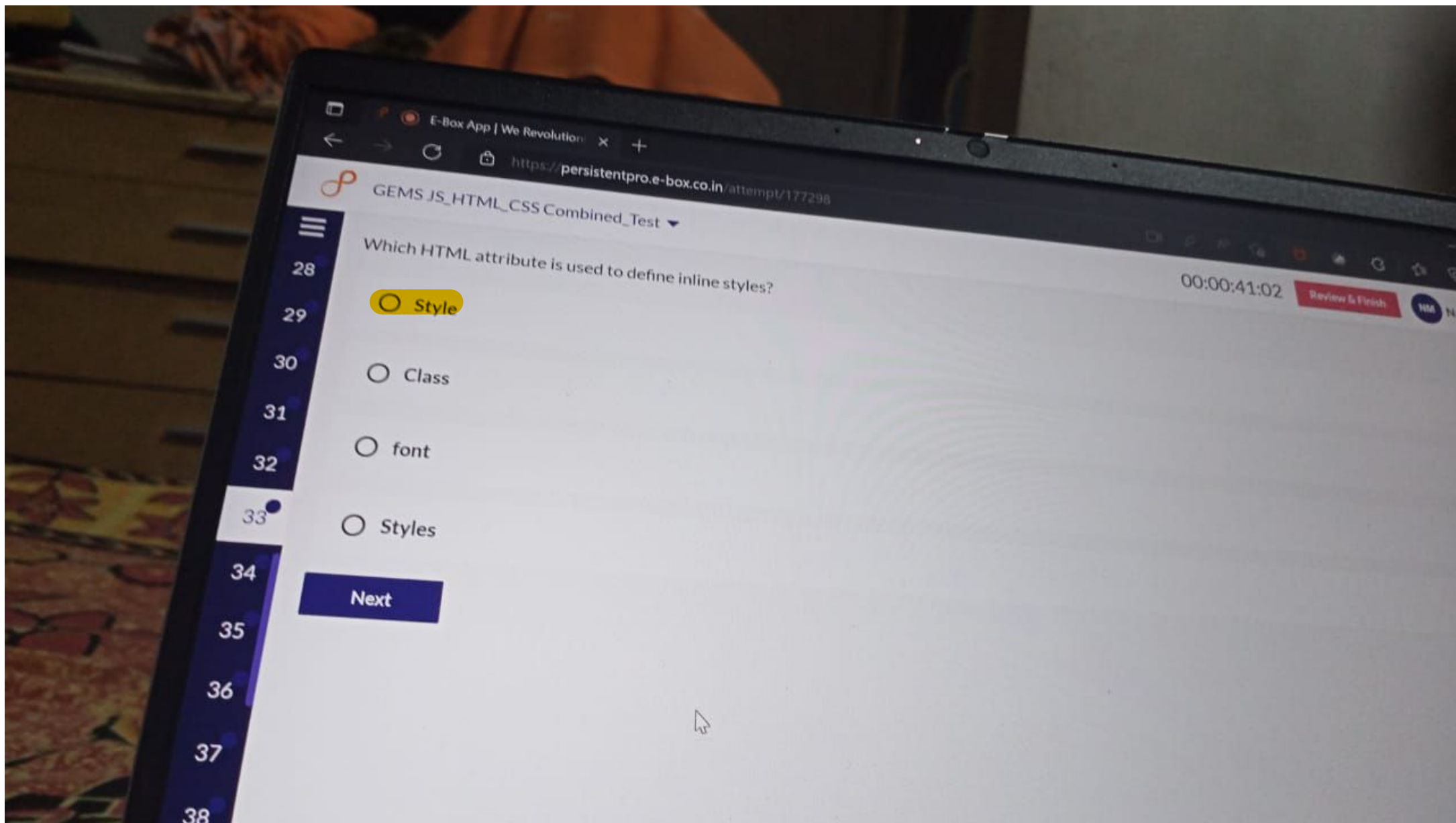
☒ <script>showSelected("two",document.getElementById("one"))  
</script>

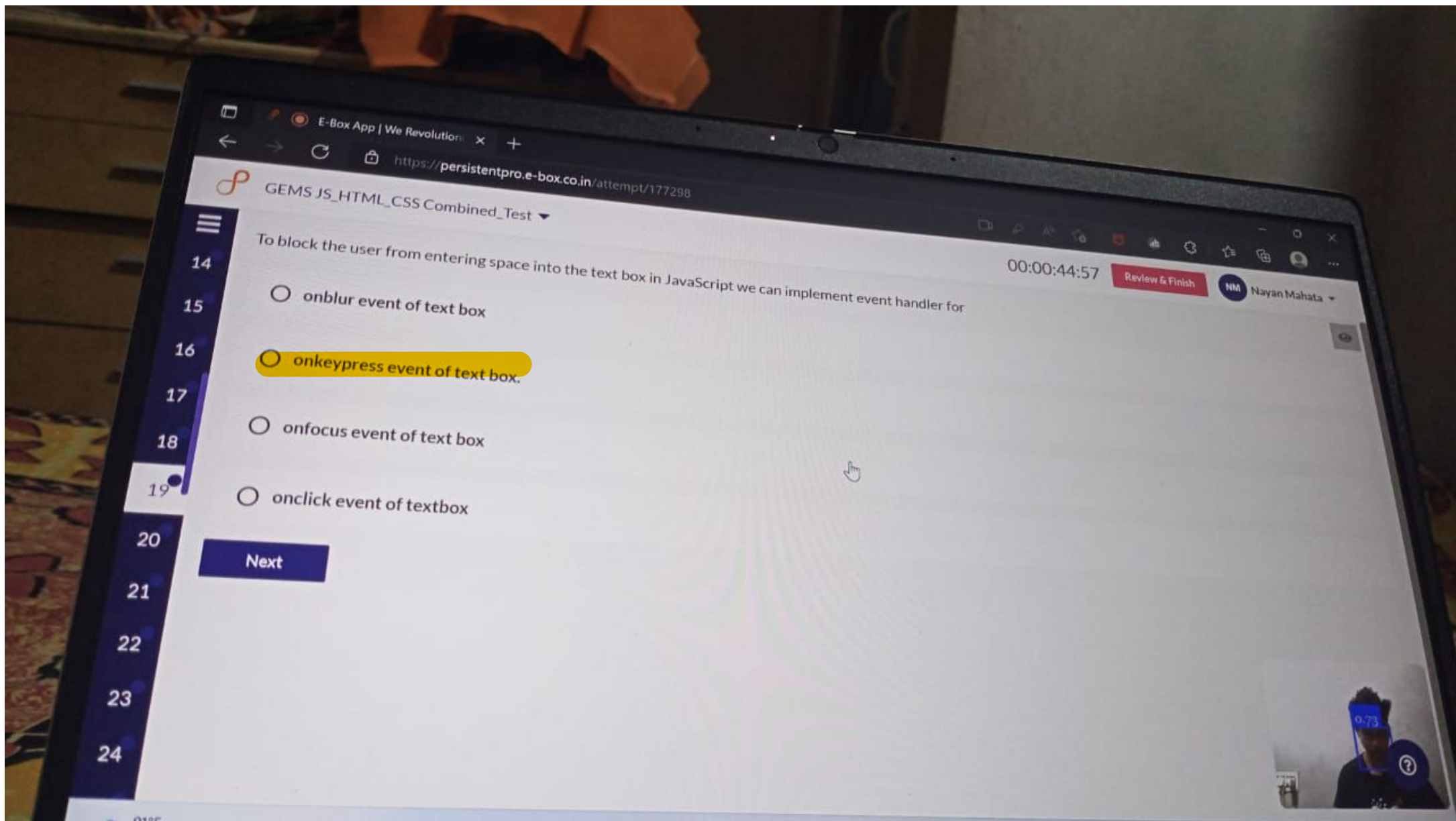
☐ <script>showSelected(document.getElementById("two"),"one")  
</script>

☐ The function cannot be called inside an html body at the specified position

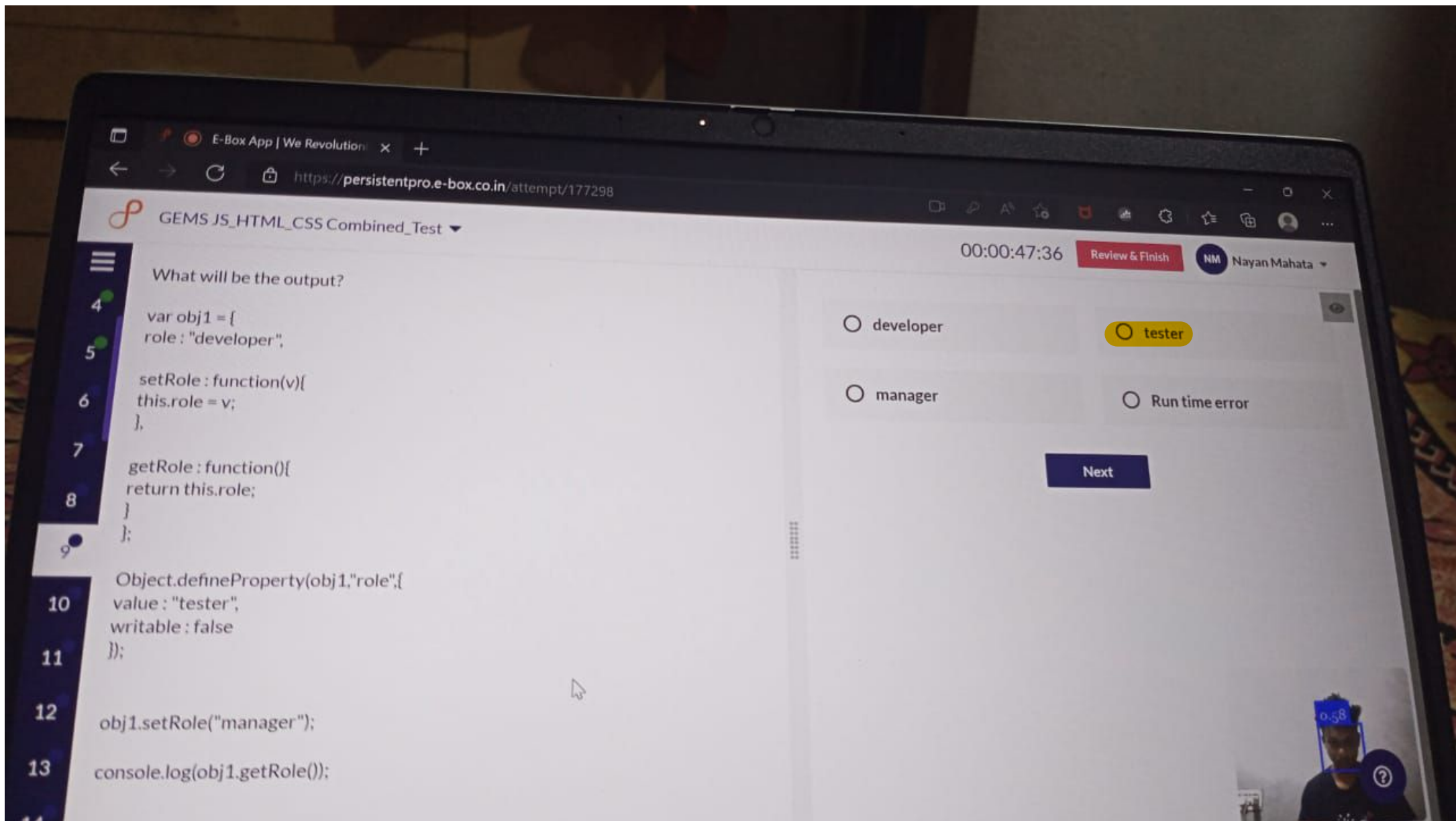
Next











Which of the following is an IIFE ?

☒ `(function(x){  
 return x * x;  
})(10)`

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

☐ Javascript doesn't support IIFE

☐ None of the above

Next

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]

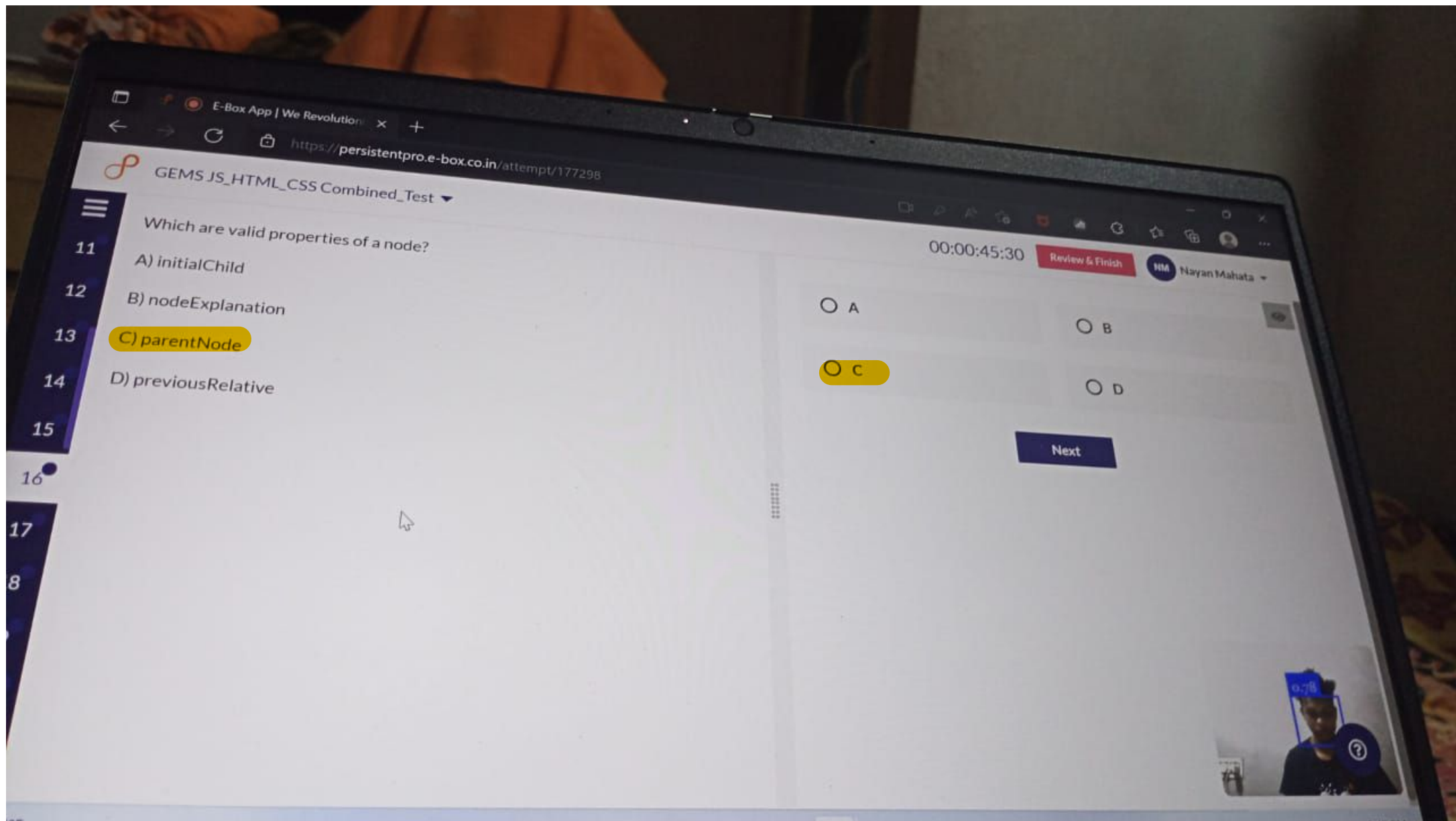
☐ [4,5]

☐ [1,2,3,4]

☐ [1,2,3,4,5]

Next





In general, event handler is nothing but

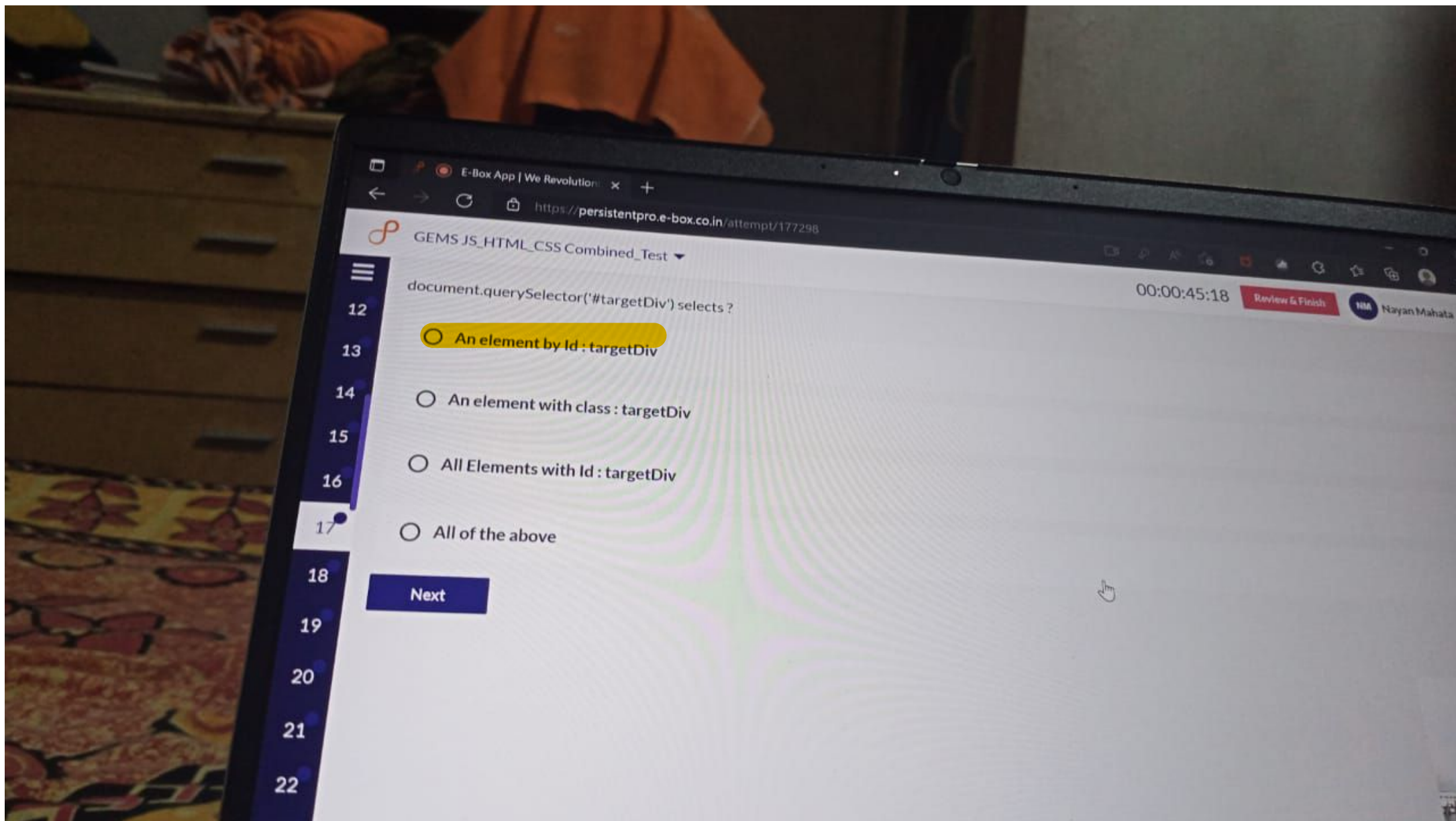
☒ function

☐ interface

☐ event

☐ handler

Next







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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GEMS JS\_HTML\_CSS Combined\_Test

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Review & Finish

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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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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



