An important part of being

a front-end developer is to provide

a good user experience on

the websites and web applications that you develop.

That includes ensuring that users can

complete HTML forms without issues.

There are many web browsers

available today for browsing the World Wide Web.

However, each one is developed by

a different company using different technologies.

As a result, you will find that your HTML forms will

appear differently when you view

them on different web browsers.

But a form may even appear differently on

the same browser when you view

the form on a Windows PC or a Mac.

This makes the creation of

a consistent user experience challenging.

In this video, you will explore

how form elements displayed

differently on various web browsers

and how to solve this problem.

First, let's focus on

the most common form element, the input elements.

The same input type HTML code

displays differently in web browsers such as Firefox,

Microsoft Edge, Chrome, and Safari.

For example, there are subtle differences in

the height and corners of the input box.

There is also a difference in

the default input box widths of

Firefox and Safari compared to

other browsers like Microsoft Edge and Chrome.

Safari on Mac OS differs a lot from

the other browsers using

a thinner border on regular corners.

Next, let's explore the checkbox input type.

Again, the exact same input type HTML code,

will let the checkbox displayed differently in

a checked and unchecked state in different browsers.

Notice that Microsoft Edge

uses a gray color in the check state,

while the other web browsers use blue,

even still, each browser

is using a different shade of blue.

Also notice how the border of

the checkbox varies between each web browser.

Safari's checkbox is also smaller than the other.

Now that you've explored how HTML form elements

can appear inconsistently across different web browsers,

let's focus on how to solve this.

As you know, CSS allows you to define

the visual styling of HTML elements.

Defining CSS rules for the different HTML form elements

will ensure that your element is styled

consistently across web browsers.

For example, you can use elements selectors to select

a different element types and

apply CSS properties to them.

It's also possible to study

the individual input types using CSS rules.

You can add a CSS rule using the element selector.

To select the input HTML element,

use the input element selector,

and then specify the individual styling

by adding a pair of square brackets,

and then type equals in this case text or email.

Then apply CSS properties to set the font,

width, height, and border.

If you specify styling with CSS in this way,

the individual elements of your forms will

display consistently across browsers.

Luckily, there are a lot of resources

that simplify the styling of forms.

Popular libraries and frameworks

such as Bootstrap, Tailwind CSS,

and Foundation provides CSS rules for forms,

uninsured visual consistency across

different devices and browsers.

You should now know why it is important to pay attention

to the appearance of different HTML elements

across web browsers,

and how you can ensure consistency with CSS rules.

What are the advantages of styling HTML forms with CSS? Check all that apply.



It creates a consistent user experience across browsers.

Correct

That's right. By default, browsers handle forms differently but if you style a form with CSS all browsers will display the form in the same way.



You can specify styling for element types using element selectors.

Correct

That's right. Alternatively, you can specify the styling of individual elements. When you style HTML forms with CSS it will display the same across browsers creating a consistent user experience.



CSS Stylized forms will ensure that your website will be ranked better by search engines.



You can specify the styling of individual elements.

Correct

That's right. Alternatively, you can style element types using element selectors. When you style HTML forms with CSS it will display the same across browsers creating a consistent user experience.