

HTML, CSS AND JAVASCRIPT

FORMS WITH HTML



By the expert: Ubaldo Acosta



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Hello, Ubaldo Acosta greets you again. I hope you're ready to start with this lesson.

We are going to study the topic of forms with HTML.

Are you ready? Come on!

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The form is titled 'Data Registration Form' and contains the following fields and controls:

- User:** A text input field containing 'John'.
- Password:** A password input field with masked characters '....'.
- Technologies of Interest:** A row of three checkboxes: 'Java' (checked), '.Net' (checked), and 'Php' (unchecked).
- Gender:** Two radio buttons: 'Male' (selected) and 'Female' (unselected).
- Occupation:** A dropdown menu showing 'Teacher'.
- Favorite Music:** A dropdown menu showing 'Rock', 'Pop', and 'Salsa'.
- Comments:** A text area containing the text 'I like to dance and listen to music.'

At the bottom of the form are two buttons: 'Clean' and 'Send'.

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In this lesson we are going to study the topic of forms with HTML. This is one of the most important issues when we are talking about creating dynamic Web applications, and that they will not only display HTML text. The difference is that for the processing of forms an application created on the server side is required. In this course we will only see how to create the form, and in the next course of Servlets and JSPs we will see how to process the information sent by the user to the Java server.

To create an HTML form, we use several HTML tags and components that will allow us to capture and process information of interest to users who use our Web applications.

As we can see in the figure we will use different types of components, from text boxes to capture simple values, or combo boxes of various types, lists, and text areas that will allow us to capture everything that interests us on the part of the user.

Finally this information is normally sent to an application created on the server side. There are many languages that can receive and process this information from an HTML form. Some examples of these languages are Java, PHP, .Net, among several others.

JavaScript is a language that we will use more to validate precisely the information of this type of forms, but before being sent to the server, so we will see how to validate our forms to send to a Web server. However JavaScript will not be used as a server-side language, although there are currently JavaScript languages and implementations that are allowing each time to be a language that is evolving and can even begin to be taken seriously as a language that it allows to process HTML forms, and not only validate them.

Let's see next an exercise about the use and creation of HTML components for the creation of forms.

ONLINE COURSE

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By: Eng. Ubaldo Acosta



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