

Instructions

A* A*

Helvetica N...

Font Size: 16pt 14pt 12pt 10pt 8pt 6pt 4pt

Step 1 of 1

Lab: Create an HTML form

Estimated time: 30 minutes

An event management company is looking for part-time employees and wants interested candidates to register online. They plan to contact those who register whenever there is an event. The company has approached you to create an online form that the applicants can use to register.

Objectives

After completing this lab, you will be able to:

1. Create an HTML form
2. Add labels and text input fields
3. Add a control to input a phone number
4. Add a control to input an email ID
5. Add a **Submit** button

1. Create a form

In the window to the right, click **File > New File**. A **New File** window opens.

Type `registration_form.html` as the file name and click **OK**. You are now ready to start creating your web page.

You will use the `<form>` tag to create an HTML form. The `action` attribute of the form specifies the URL that processes the data when the form is submitted.

Note: The code at the destination URL is written by the back-end system developer. As a front-end developer, your focus is on creating the HTML form.

The following code creates a basic form within an HTML document, to which you will add controls. Copy the code into your HTML file and save it.

```
<!DOCTYPE html>
<html>
  <head>
    <title> Registration Form </title>
  </head>
  <body>
    <h2>Registration Form</h2>
    <form action="/register">
    </form>
  </body>
</html>
```



2. Add a label and a text input field

The `<input>` tag is used to create different types of controls that enable the user to input values. The default input type is `text`.

The `<label>` tag defines the label text for other HTML form elements. The `for` attribute of the `<label>` tag should be the same as the ID of the element it binds to.

Let's add a label and a `text` input field for the first name of the user. Type the following code inside the `<form>` tag.

```
<label for="firstname">First name :</label>
<input type="text" id="firstname" name="firstname">
```



The `id` attribute enables the front-end developer to access this input control. The `name` attribute enables the back-end system developer to access the value that's entered in this input field.

We need a similar field for the user's last name:

```
<label for="lastname">Last name :</label>
<input type="text" id="lastname" name="lastname">
```



After you add the two input text fields, your code should look like this:

```
<!DOCTYPE html>
<html>
  <head>
    <title> Registration Form </title>
  </head>
  <body>
    <h2>Registration Form</h2>
    <form action="/register">
      <label for="firstname">First name :</label>
      <input type="text" id="firstname" name="firstname">
      <br><br>
      <label for="lastname">Last name :</label>
      <input type="text" id="lastname" name="lastname">
    </form>
  </body>
</html>
```



Note that the `
` tag creates a line break. Without the `
` tag, all our form controls would display in a single line in our HTML page.

To see how your HTML page displays, click the preview icon at the top right of the window. Your page should now look like this:

```

1  <!DOCTYPE html>
2  <html>
3      <head>
4          | <title> Registraton Form </title>
5      </head>
6      <body>
7          <h2>Registration Form</h2>
8          <form action="/register.pl">
9              <label for="firstname">First na
10             <input type="text" id="firstname" name="firstname">
11             <br><br>
12             <label for="lastname">Last name
13             <input type="text" id="lastname" name="lastname">
14         </form>
15     </body>
16 </html>

```

3. Add a control to input an email ID

To enable users to enter their e-mail address, you will use the `<input>` tag with the `email` type. Add the following code to your form after the **Last name** text field:

```

<label for="email">Email :</label>
<input type="email" id="email" name="email">

```

Your page should now look like this:

```

<!DOCTYPE html>
<html>
    <head>
        <title> Registration Form </title>
    </head>
    <body>
        <h2>Registration Form</h2>
        <form action="/register">
            <label for="firstname">First name :</label>
            <input type="text" id="firstname" name="firstname">
            <br><br>
            <label for="lastname">Last name :</label>
            <input type="text" id="lastname" name="lastname">
            <br><br>
            <label for="email">Email :</label>
            <input type="email" id="email" name="email">
        </form>
    </body>
</html>

```

When you have updated your code, save the file. The page should now look like this:

```

1  <!DOCTYPE html>
2  <html>
3      <head>
4          | <title> Registraton Form </title>
5      </head>
6      <body>
7          <h2>Registration Form</h2>
8          <form action="/register.pl">
9              <label for="firstname">First na
10             <input type="text" id="firstname" name="firstname">
11             <br><br>
12             <label for="lastname">Last name
13             <input type="text" id="lastname" name="lastname">
14             <br><br>
15             <label for="email">Email :</label>
16             <input type="email" id="email" name="email">
17         </form>
18     </body>
19 </html>

```

Add a Submit button

Finally, let's add a **Submit** button at the end of the form. When a user clicks **Submit**, the form data is submitted to the back-end program for processing.

The following code will create a **Submit** button with a text label. Add this line immediately after the **Email** field:

```

<input type="submit" value="Submit">

```

Your final form code should look like this:

```

<!DOCTYPE html>
<html>
    <head>
        <title> Registration Form </title>
    </head>
    <body>
        <h2>Registration Form</h2>
        <form action="/register">
            <label for="firstname">First name :</label>
            <input type="text" id="firstname" name="firstname">

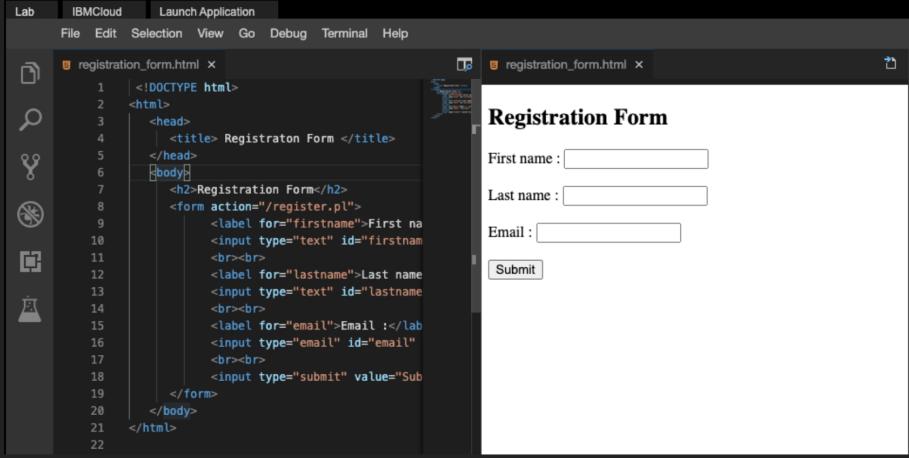
```

```

<br><br>
<label for="lastname">Last name :</label>
<input type="text" id="lastname" name="lastname">
<br><br>
<label for="email">Email :</label>
<input type="email" id="email" name="email">
<br><br>
<input type="submit" value="Submit">

```

When you have updated the code, save the file. The page should now look like this:



Summary

Congratulations! You have learned how to create an HTML form with input fields. Don't stop there -- we encourage you to explore other controls, such as radio buttons and check boxes.

Tutorial details

Author: Ramesh Sannareddy

Change log:

Date	Version	Changed by	Change Description
2020-08-13	1.0	Ramesh Sannareddy	Initial version created

© IBM Corporation 2020. All rights reserved.