In this Notebook we will be going over how to submit data in an HTML file in a web browser. In order to achieve this, you will use HTML forms and inputs.

* What is an HTML form and how to use it?

An HTML form is used for collecting user input. A HTML form usually contains different kind of information like username, password, email, id and etc. In order to use HTML form start off making an html page. You can start by using the HTML tab in Atom.

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| <!DOCTYPE html>  <html lang="en" dir="ltr">  <head>  <meta charset="utf-8">  <title></title>  </head>  <body>    </body>  </html> |

Then in order to use the forms method, you can use the HTML <form> element in order to create one. It should be like this,

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| <form class="" action="index.html" method="post"> |

The action attribute specifies here to send the form-data whenever it’s submitted, In this case it will send the form data to a file called “index.html”. While the method attribute specifies how to send form-data, in this case the method is POST, which will be sent as HTTP post transaction, the data sent to a server with post is stored in the body of the HTTP request.

After, in order for the user to submit the data by typing it in we will be making a text input.

* What is an HTML Input and how to use it?

An HTML input element can be used in many ways, depending on the type. In order for the user to submit data through text, we will be using the text type element. You can start by using the html <input> element.

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| <input type="text" name="Name" placeholder="Enter your name here.." value=""> |

The input type is text, it will display a single-line text input field. The name attribute specifies the name of the input element, in our case its “Name”. The placeholder attribute specifies what is expected of the value in the input field, it’s like a short hint, we’re asking for their name. The value attribute specifies the value of the input element, in defines the default value on the input field. I will be leaving it blank. In order to make a text box for comments, we will use the text area tag.

* What is an HTML textarea and how to use the following attributes?

The text area tag is a multi-line text input, unlike the text input. You can use the <textarea> input in order to create it.

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| --- |
| <textarea id="Website Feedback" name="Feedback" rows="4" cols="50"> |

The id attribute tag assigns an identifier to the textarea element. While the name attribute specifies the name for the text area. The rows and cols specify the size of a text area. In order for the user to send the form to the data, we will need to use a submit button.

* What is the submit button and what does it do when you click it?

The submit element defines a submit button. You can use it with the input tag.

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| --- |
| <input type="submit"> |

This creates a button on the html page which when clicked, submits all the data inside the user input boxes to the server.