

Creating Your First Web Page

In the previous lesson, we learned about what HTML is and how the document structure looks like. Now its time to build our first web page.

Step 1: Open your text editor. If you don't have any text editor installed on your system don't worry here is a link(<https://www.sublimetext.com/3>) to install a text editor. We recommend Sublime text editor as it is easy to use.

Step 2: Once text editor is installed, open it and click on file option in the menu bar. Click on the new file and give the file name as `my-webpage.html` . Make sure you have given `.html` extension in the file name so that web browser understands that it is an HTML page.

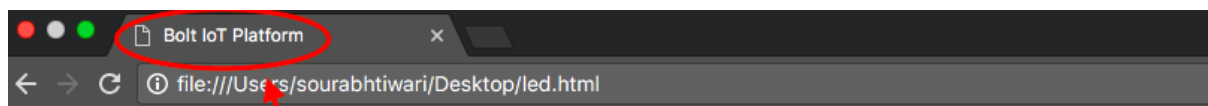
Step 3: Now, let's move to the coding part. At the start, you should add `<!DOCTYPE html>` tag. This tag is used to identify the document type. In this case, it is HTML. Your code may also work without this tag, however, it is a good practice to mention the doctype at the start.

Now as in the previous lesson we have learned that HTML tags are used in pairs and the first tag that is used always is `<html></html>` .

Step 4: Now next we would add the title of the page inside the head tag.

```
<head>
  <title>Bolt IoT Platform</title>
</head>
```

`<title>` tag set the title of the document i.e. title of the tab. It does not come as a title on the screen. You can refer below screenshot to know how it works.



Bolt IoT Platform gives you the capability to control your devices and collect data from your IoT devices safely and securely just a few clicks to detect anomalies as well as predict sensor value

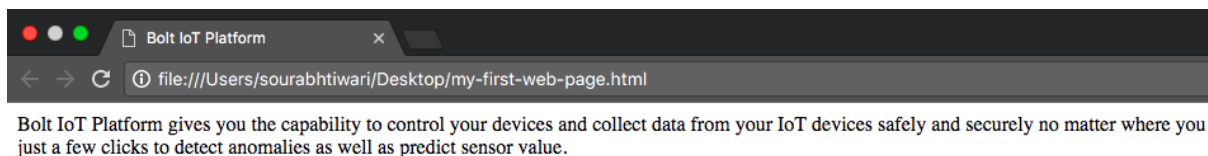
This is the title set by `<title>` tag

Step 5: The main content of any website comes inside the body tag. The body tag starts with `<body>` and ends with `</body>` tag.

The complete code is given below:

```
<!DOCTYPE html>
<html>
<head>
  <title>Bolt IoT Platform</title>
</head>
<body>
  Bolt IoT Platform gives you the capability to control your devices and
  collect data from your IoT devices safely and securely no matter where
  you are. Get actionable insights by deploying machine learning
  algorithms with just a few clicks to detect anomalies as well as
  predict sensor value.
</body>
</html>
```

Now save the file. Go back to the location where you have saved the file. Right-click on the file and then choose the option to open with Google Chrome(You can also choose Mozilla Firefox, Safari or Internet Explorer) to view your web page.



That's it. Your first web page is ready. In the next lesson, we will learn about Body Tags.

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PREV

NEXT

Forum

Type your query here

SEARCH

Q. What is <p> tage used for?

The <p> tag is for paragraph. It is used for formatting the text in HTML page into a paragraph.

Q. What is the range of the output values of the ADC on the Bolt module?

The ADC on the Bolt module can generate an output in the range of 0 to 1024.

A value of 0 corresponds to a voltage of 0V on the analog input pin a0.

A value of 1024 corresponds to a voltage of 1V on the analog input pin a0.

**Q. what is
 tag used for?**

The
 Tag is used to display a new line in the html view.

Q. how to make some text colored?

Just use the `<style></style>` tags to encompass the text you want in a different color and mark the style tag with the color you want.

Example

This text is in white`<style text="#0000FF>`while this text is in blue`</style>`

Q. what is `<a>` tag used for??

a tag is called anchor tag and anchor tag is used for creating a link.

For example :

```
<a href="https://www.facebook.com">My Facebook</a>
```

When you open the above code in chrome, you can only see text **My facebook** and when you click on the text, you will be redirected to <https://www.facebook.com>

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Ask your doubts to the instructor personally if they are not already answered on forum.

Type what you want to ask the instructor



ASK THE INSTRUCTOR