



Lesson 2

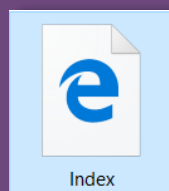
HTML document structure

Please copy following code and paste it in your text editor in new blank document. (we are using Notepad++ but you can use your favorite one)

```
<!DOCTYPE html>
<html>
  <head>
    <title> Welcome to MasterMinds tutorials! </title>
  </head>
  <body>
    <h1>This lesson is about:</h1>
    <p>Basic HTML page content.</p>
  </body>
</html>
```

After you paste this text in blank document save it with file name Index.html. Please make sure that you know location where you will save this document.

If you have done everything properly on location where you have saved your Index.html file, should be created web document with name Index and with icon of your default web browser (Google Chrome, Microsoft Edge etc.).

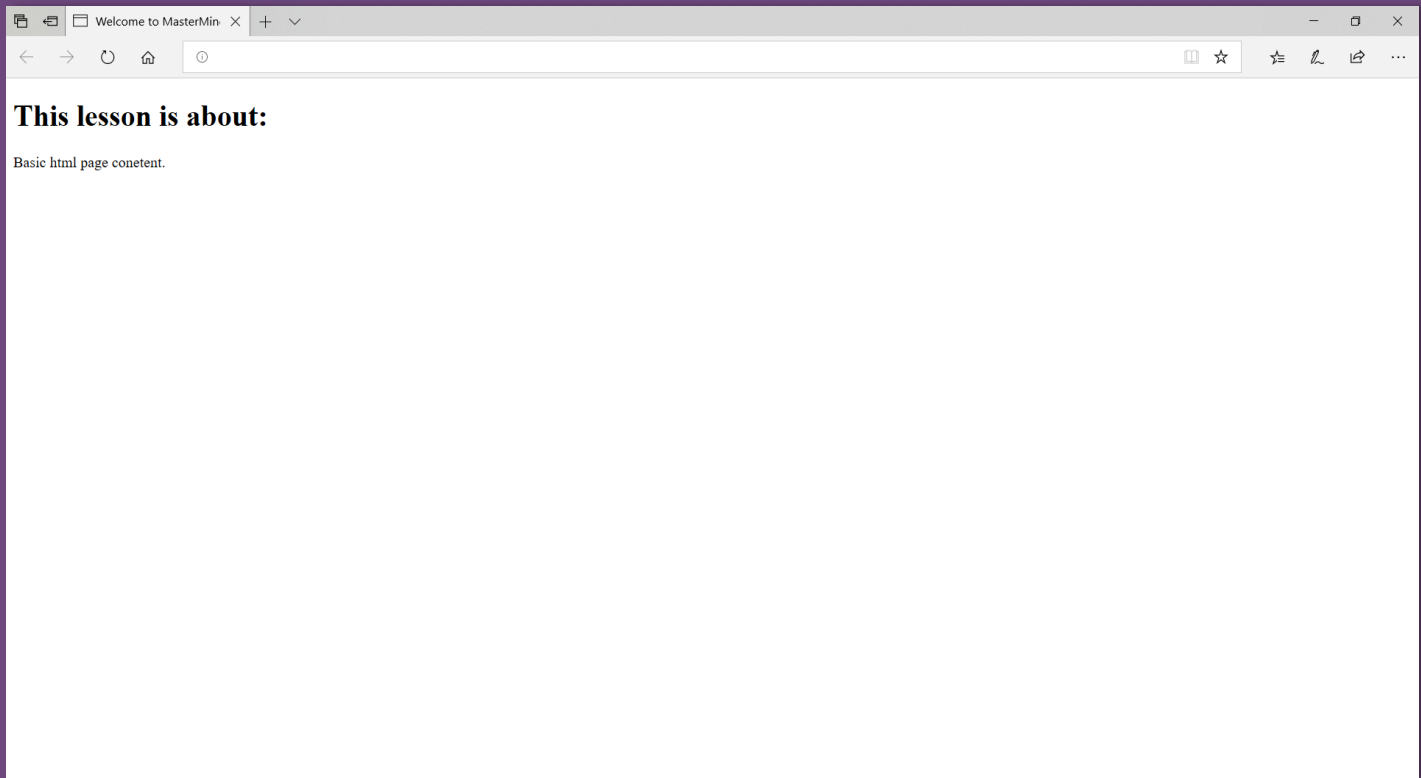


Thank You for choosing us! ♥



Lesson 2

When you open that web document your web browser will open page that will look like this.



As you see, HTML tags (`<html>`, `<head>`, `<title>`, `<body>` etc.) are not visible inside of our newly created web document. If you remember from previous lesson where we spoke about what is markup language, and how markup is just set of rules, you can see now in real example, where HTML like markup language, recognizes HTML tags like instructions how to handle content in between, so by the rule, HTML tags are not regular or plain text, these are instructions and that is why HTML tags are not visible in web page.

If you just take a look in the browser where we have opened our web page, you will see that text “This lesson is about:” is bigger and bolder in compering to other text “Basic HTML page content.” and that is because we send instruction to web browser with tags `<h1></h1>` that this text should be bigger and bolder. We will talk more about `<h1>` and `<p>` tags in upcoming lessons.



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Let's analyze our code:

`<!DOCTYPE html>` - declaration that defines version of HTML that we use. `!DOCTYPE` part of declaration is part that is always the same but second part that goes with it (in this case `html`) is part that defines what is the version of HTML that we use in document. In our case `html` means that we are using HTML version 5.

`<html></html>` - element is element that is basically container for everything that we need to define in our HTML document. It usually contains two child elements `<head></head>` and `<body></body>`.

`<head></head>` - element is element that contains styles, scripts and instructions (meta data) that we use in our HTML document. We will place here styles that we use to change appearance of elements in web page (styles for changing color of text, text size etc.), also we will define our scripts that we use in web page (for example we can define JavaScript function that will show us a pop up dialog box with question "Do you want to leave this page?" any time when we try to leave that web page) and also we define various instructions for that web page (for example we can define period of time after which content of web page will be refreshed). In our case `<head></head>` element contains `<title></title>` element that represents title visible in tab name in web browser.

`<body></body>` - element is element that contains everything that we want to display in our web page. So, if we want to display some text, like we have in this example, we will place that content here. When you open any website on the internet content that you see is content that is placed inside of `<body></body>` element, so you will probably spend the most time working on this part of HTML document when you start working on building your websites.