

# Styles and CSS in HTML

**Spoken Tutorial Project**

<http://spoken-tutorial.org>

**National Mission on Education through ICT**

<http://sakshat.ac.in>

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# Learning Objectives



# Learning Objectives

- ▶ **Styling the content using style as a Tag and an Attribute in HTML**



# Learning Objectives

- ▶ **Styling the content using style as a Tag and an Attribute in HTML**
- ▶ **We will also learn about CSS**



# Prerequisite



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- ▶ **You should know to use any WYSIWYG or Text Editor and a Web Browser**



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- ▶ **You should know to use any WYSIWYG or Text Editor and a Web Browser**
- ▶ **If not, then go through gedit Text Editor and Firefox tutorials on <http://spoken-tutorial.org>**



# System Requirements





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- ▶ Ubuntu Linux 16.04 OS



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- ▶ HTML 5



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- ▶ gedit **Text Editor**



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- ▶ gedit **Text Editor**
- ▶ Firefox **Web Browser**



# Code Files

- ▶ The files used in this tutorial are available in the [Code Files link](#) on this tutorial page



# Code Files

- ▶ The files used in this tutorial are available in the Code Files link on this tutorial page
- ▶ Please download and extract them



# Styles

- ▶ **Allows us to define the presentation of the HTML Elements**



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- ▶ **Can be defined in 3 ways:**





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  - ▶ **Inline attribute for the tags**



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  - ▶ **Individual tag**



# Styles

- ▶ **Allows us to define the presentation of the HTML Elements**
- ▶ **Can be defined in 3 ways:**
  - ▶ **Inline attribute for the tags**
  - ▶ **Individual tag**
  - ▶ **External style sheet (CSS)**



# Style Attribute

- ▶ **Style is an attribute that specifies the style of an element**



# Style Attribute

- ▶ **Style is an attribute that specifies the style of an element**
- ▶ **For eg:** font-family, font-size, colour, etc.



# Style Attribute

- ▶ Style attribute **decides how the content will be displayed**



# Style Attribute

- ▶ Style attribute **decides how the content will be displayed**
- ▶ **Once the style attribute is declared for a tag, it will override the existing property**



# Style Attribute

## Syntax:

```
<tag-name style =  
"Property-Name:Value"> content  
</tag-name>
```





# Style Attribute

**We can add more properties with the help of semi-colon**

```
<tag-name style =  
"Property1:Value;  
Property2:Value"> content  
</tag-name>
```



# Style Tag



# Style Tag

- ▶ It defines the styles for the whole document



# Style Tag

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- ▶ We can have many style tags for a single document



# Style Tag

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- ▶ It has to be declared inside the head section



# Style Tag

- ▶ It defines the styles for the whole document
- ▶ We can have many style tags for a single document
- ▶ It has to be declared inside the head section
- ▶ It has both start and an end tags



# Style Tag - Syntax

```
<style>  
    tag-name { property:value; }  
</style>
```



# Style Tag

- **We can add styles for multiple tags**





# Style Tag

- ▶ **We can add styles for multiple tags**
- ▶ **Multiple attributes for the tags**



# Common Style Properties



# Common Style Properties

- ▶ background-color **to set the background**

```
style="background-color:red;"
```



# Common Style Properties

- ▶ `background-color` **to set the background**

```
style="background-color:red;"
```

- ▶ `color` **to set the font color**

```
style="color:blue;"
```



# Common Style Properties

- ▶ `background-color` **to set the background**  
`style="background-color:red;"`
- ▶ `color` **to set the font color**  
`style="color:blue;"`
- ▶ `font-family` **to set the font**  
`style="font-family:courier;"`



# Common Style Properties

- ▶ **font-size to set the font text size**  
`style="font-size:24px;"`



# Common Style Properties

- ▶ `font-size` **to set the font text size**  
`style="font-size:24px;"`
- ▶ `text-align` **for text alignment**  
`style="text-align:right;"`



# CSS





- ▶ External styles **are defined with the help of CSS**



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- ▶ CSS - Cascading Style Sheet



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- ▶ **Single file, which can define the styles for multiple HTML pages**



- ▶ External styles **are defined with the help of CSS**
- ▶ CSS - Cascading Style Sheet
- ▶ **Single file, which can define the styles for multiple HTML pages**
- ▶ **CSS file will not have any HTML code**



- ▶ **Include the CSS file in the head section with the help of link tag**



- ▶ **Include the CSS file in the head section with the help of link tag**
- ▶ **Syntax:**

```
<link rel = "stylesheet"  
href = "filename.css">
```



**To learn more about CSS, please visit**  
**<http://spoken-tutorial.org>**



# Note

- ▶ **Make sure that your HTML and CSS files are in the same folder**





# Note

- ▶ Make sure that your HTML and CSS files are in the same folder
- ▶ If you have saved the CSS file in a different folder, then mention the full path for the file



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```
<link rel="stylesheet"  
href="Desktop/CSS/mystyle.css">
```



# Summary

- ▶ **Style as an attribute (Inline)**
- ▶ **Style as a tag (Internal)**
- ▶ **Including a CSS file within an HTML code (External)**



# Assignment

- ▶ **Open** MyHomePage.html **which you created earlier**
- ▶ **Remove the inline style for** body tag



# Assignment

**Create a following internal style in the head section:**

- ▶ **Set the** body - background color as "Khaki" **and** "center align" the text
- ▶ **Set the alignment of** Paragraph tag **to** left



# About the Spoken Tutorial Project

- ▶ Watch the video available at [http://spoken-tutorial.org/What\\_is\\_a\\_Spoken\\_Tutorial](http://spoken-tutorial.org/What_is_a_Spoken_Tutorial)
- ▶ It summarises the Spoken Tutorial project
- ▶ If you do not have good bandwidth, you can download and watch it



# Spoken Tutorial Workshops

## The Spoken Tutorial Project Team

- ▶ Conducts workshops using spoken tutorials
- ▶ Gives certificates to those who pass an online test
- ▶ For more details, please write to [contact@spoken-tutorial.org](mailto:contact@spoken-tutorial.org)



# Forum for Specific Questions

- ▶ Do you have questions in **THIS Spoken Tutorial?**
- ▶ Please visit <http://forums.spoken-tutorial.org>
- ▶ Choose the minute and second where you have the question
- ▶ Explain your question briefly
- ▶ Someone from our team will answer them





# Acknowledgements

- ▶ Spoken Tutorial Project is a part of the Talk to a Teacher project
- ▶ It is supported by the National Mission on Education through ICT, MHRD, Government of India
- ▶ More information on this Mission is available at

<http://spoken-tutorial.org/NMEICT-Intro>



# Thank You

**Thanks for joining**  
**<http://spoken-tutorial.org>**

