Counters in CSS

Spoken Tutorial Project
https://spoken-tutorial.org
National Mission on Education through ICT
http://sakshat.ac.in

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24 November 2020

Learning Objectives

In this tutorial, we will learn:

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In this tutorial, we will learn:

- Counters **in** CSS

Learning Objectives

In this tutorial, we will learn:

▶ Counters **in** CSS

▶ **Their properties and usage**

System Requirements

This tutorial is recorded using

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- Ubuntu Linux OS v 18.04

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▶ CSS3

System Requirements

This tutorial is recorded using

- ▶ Ubuntu Linux OS v 18.04
- ▶ CSS3
- ▶ HTML5

System Requirements

This tutorial is recorded using

- ▶ Ubuntu Linux OS v 18.04
- ▶ CSS3
- ▶ HTML5
- ▶ gedit **Text Editor**

System Requirements

This tutorial is recorded using

- Ubuntu Linux OS v 18.04
- CSS3
- HTML5
- gedit **Text Editor**
- Firefox **Web Browser**

Prerequisite

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► **You should know to use** HTML **and** CSS

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▶ **You should know to use** HTML **and** CSS

▶ **If not, please go through the** HTML **and** CSS **tutorials on https://spoken-tutorial.org**

Code Files

▶ **The files used in this tutorial are available in the** `Code Files` **link on this tutorial page**

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- **Please download and extract them**

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- **Make a copy and then use them while practising**

Counters

▶ Counters **are variables used for numbering** elements **automatically in the** webpage

Counters

- ► Counters **are variables used for numbering** elements **automatically in the** webpage
- ► **They are incremented by** CSS **rules**

Counter Property

Counter Property

▶ **counter-reset**

Counter Property

- **counter-reset**
- **counter-increment**

Counter Property

- **counter-reset**
- **counter-increment**
- **content**

Counter Property

▶ **counter-reset**

▶ **counter-increment**

▶ **content**

▶ **counter() or counters() function**

counter-reset

▶ Counter-reset **property is used to create a** counter **or reset a** counter **value**

counter-reset

▶ Counter-reset **property is used to create a** counter **or reset a** counter **value**

▶ **By default, the** counter **value is initialized to** zero

counter-increment

▶ Counter-increment **property is used to increment** counter **values**

counter-increment

- Counter-increment **property is used to increment** counter **values**
- **It is useful for automatically increasing step values**

content

- Content **property is used to generate content for an** element

counter( ) or counters( )

- counter() **or** counters() function **assigns the** counter **value to an** element

Nested counters

- ▶ Nested Counter **means a** counter **within a** counter

Summary

In this tutorial, we have learnt:

▶ Counters **in** CSS

▶ **Their properties and usage**

Assignment

- **Open the file** `webpage.html` **which you have created earlier**
- **Add three** `h3 headings`
- **Open the file** `styles.css` **which you have created earlier**
- **Set** `counter` **for** `h3 headings`

Assignment

- **Link the** `styles.css` **file to** `webpage.html` **file**
- **Observe the output**

About Spoken Tutorial project

- ▶ **Watch the video available at https://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**

Answers for THIS Spoken Tutorial

- ▶ **Questions in THIS Spoken Tutorial?**

- ▶ **Visit**
  https://forums.spoken-tutorial.org

- ▶ **Choose the minute and second where you have the question**

- ▶ **Explain your question briefly**

- ▶ **The Spoken Tutorial project will ensure an answer**

You will have to register to ask questions

Acknowledgements

▶ **Spoken Tutorial project is funded by Ministry of Education (MoE), Govt. of India**

Thank You

Thanks for joining

https://spoken-tutorial.org