Float and Overflow in CSS

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

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04 November 2020

Learning Objectives

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- ▶ Float, Clear **and** Overflow **properties of an** element **in** CSS

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- ▶ **Use these properties to achieve the desired output**

System Requirements

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▶ Ubuntu Linux OS v 18.04

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- ▶ CSS3

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▶ HTML5

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▶ gedit **Text Editor**

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- ▶ Ubuntu Linux OS v 18.04
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- ▶ 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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▶ **Make a copy and then use them while practising**

Float Property

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▶ **It is used to set the horizontal positioning of an** `element` **inside the parent** `block`

Float Property

▶ **It is used to set the horizontal positioning of an** `element` **inside the parent** `block`

▶ **It allows the** `text` **to wrap around an** `element`

Float Property Value

Float Property Value

▶ `left`: **this positions the** `element` **to the** `left` **side of the parent** `block`

Float Property Value

▶ `left`: **this positions the** `element` **to the** `left` **side of the parent** `block`

▶ `right`: **this positions the** `element` **to the** `right` **side of the parent** `block`

Float Property Value

- none **(default): does not position the** element

Float Property Value

▶ `none` **(default): does not position the** `element`

▶ `initial`**: sets the** `float` **property to its default value**

Float Property Value

- `none` **(default): does not position the** `element`

- `initial`**: sets the** `float` **property to its default value**

- `inherit`**: inherits the position of its parent** `element`

Clear Property

Clear Property

- **It is related to** `float`

Clear Property

- **It is related to** `float`
- **It prevents an** `element` **from being displayed next to** `floated` `elements`

Clear Property Value

Clear Property Value

- ▶ `left:` elements **are not allowed to** `float` **on the** `left` **side of the specified** `element`

Clear Property Value

▶ `left`: elements **are not allowed to** `float` **on the** `left` **side of the specified** `element`

▶ `right`: elements **are not allowed to** `float` **on the** `right` **side of the specified** `element`

Clear Property Value

▶ `both:` elements **are not allowed to** `float` **on** `both` **sides of the specified** `element`

Clear Property Value

▶ `both`: elements **are not allowed to** `float` **on** `both` **sides of the specified** `element`

▶ `none` **(default)**: `elements` **are allowed to** `float` **on** `both` **sides of the specified** `element`

Clear Property Value

▶ `initial`: **sets the** `clear` **property to its default value**

Clear Property Value

▶ `initial`: **sets the** `clear` **property to its default value**

▶ `inherit`: `element` **inherits the** `clear` **value of its parent**

Overflow Property

▶ `Overflow` **property decides what to do when the content overflows the** `block`

Overflow Property Value

Overflow Property Value

`visible`**(default):**

Overflow Property Value

`visible`**(default):**

▶ **Overflowed content is not clipped**

Overflow Property Value

`visible`**(default):**

- ▶ **Overflowed content is not clipped**
- ▶ **It is visible outside the** `block`

Overflow Property Value

`scroll:`

Overflow Property Value

`scroll:`

▶ **Overflowed content is clipped**

Overflow Property Value

`scroll:`

- **Overflowed content is clipped**
- **A** `scrollbar` **is added to see the whole content**

Overflow Property Value

`auto:`

Overflow Property Value

`auto:`

► **Automatically adds a** `scrollbar` **whenever required**

Overflow Property Value

`hidden:`

Overflow Property Value

`hidden:`

▶ **Overflowed content is clipped and is invisible**

Overflow Property Value

`initial:`

Overflow Property Value

`initial:`

- **Sets the property value to its default value**

Overflow Property Value

`inherit:`

Overflow Property Value

`inherit:`

- **Inherits the property value from its parent** `element`

Summary

In this tutorial, we have learnt:

- ▶ Float, Clear **and** Overflow **properties of an** element **in** CSS

- ▶ **Use these properties to achieve the desired output**

Assignment

▶ **Open the file** `webpage.html` **which you have created earlier**

▶ **Add the image** `veg.png` **in the** `div block`

▶ **Open the file** `styles.css` **which you have created earlier**

Update the following for `div block`

- ▶ `width` **to** 600px

- ▶ `height` **to** 200px

- ▶ `overflow value` **to** `scroll`

Assignment

▶ **Set the** `float` **value to** `right` **for the** `image`

▶ **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

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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**

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▶ **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