

# Order and Offset Classes in Bootstrap

**Spoken Tutorial Project**

<https://spoken-tutorial.org>

**National Mission on Education through ICT**

<http://sakshat.ac.in>

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# Learning Objectives

**In this tutorial, we will learn about:**



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**In this tutorial, we will learn about:**

- ▶ `Order` classes



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- ▶ Offset classes

**while designing a layout**



# System Requirements



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- ▶ Ubuntu Linux OS v 18.04



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- ▶ Ubuntu Linux OS v 18.04
- ▶ Bootstrap 4.6.0



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- ▶ Ubuntu Linux OS v 18.04
- ▶ Bootstrap 4.6.0
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- ▶ CSS3
- ▶ `gedit` **Text Editor**



# System Requirements

- ▶ Ubuntu Linux OS v 18.04
- ▶ Bootstrap 4.6.0
- ▶ HTML5
- ▶ CSS3
- ▶ gedit **Text Editor**
- ▶ Firefox **Web Browser**



# Prerequisite



# Prerequisite

- ▶ **To follow this tutorial, you should be familiar with HTML and CSS**



# Prerequisite

- ▶ To follow this tutorial, you should be familiar with HTML and CSS
- ▶ If not, please go through the HTML and CSS tutorials on <https://spoken-tutorial.org>



# Layout

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# Order Classes



# Order Classes

- ▶ Order classes are used to manage the visual order of the HTML elements



# Order Classes

**Following are the order classes:**



# Order Classes

**Following are the order classes:**

- ▶ `.order-first`: **sets the visual order to first**



# Order Classes

**Following are the order classes:**

- ▶ **.order-first: sets the visual order to first**
- ▶ **.order-last: sets the visual order to last**



# Order Classes

Following are the order classes:

- ▶ `.order-first`: sets the visual order to first
- ▶ `.order-last`: sets the visual order to last
- ▶ `.order-*`: sets the visual order by grid numbers from 0 to 12



# Order Classes with Breakpoints



# Order Classes with Breakpoints

Breakpoint	Extra Small <576px	Small ≥576px	Medium ≥768px	Large ≥992px	Extra Large ≥1200px
.order class	--	.order-sm- {*}	.order-md- {*}	.order-lg- {*}	.order-xl- {*}



# Code Files



# Code Files

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



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



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- ▶ **Please download and extract them**
- ▶ **Make a copy and then use them while practising**



# Offset Classes



# Offset Classes

- ▶ Offset classes are used to increase the left margin of the HTML elements



# Offset Classes

- ▶ Offset classes are used to increase the left margin of the HTML elements
- ▶ The class `.offset-*` increase the left margin by `*` grid columns



# Offset Classes

- ▶ Offset classes are used to increase the left margin of the HTML elements
- ▶ The class `.offset-*` increase the left margin by `*` grid columns
- ▶ Here, `*` represents any grid number between 1 to 11



# Offset Classes with Breakpoints



# Offset Classes with Breakpoints

Breakpoint	Extra Small <576px	Small ≥576px	Medium ≥768px	Large ≥992px	Extra Large ≥1200px
.offset class	--	.offset-sm- {*}	.offset-md- {*}	.offset-lg- {*}	.offset-xl- {*}



# Summary

**In this tutorial, we have learnt about:**

- ▶ Order classes
- ▶ Offset classes

**while designing a layout**



# Assignment

- ▶ In `Mypage.html` file, change the order class for 3rd row with:
  - ▶ `.order-sm-3` for 1st column
  - ▶ `.order-sm-2` for 2nd column
  - ▶ `.order-sm-1` for 3rd column



# Assignment

- ▶ **Save both the files**
- ▶ **Observe the output on the web browser**



# About Spoken Tutorial project

- ▶ Watch the video available at [https://spoken-tutorial.org/What\\_is\\_a\\_Spoken\\_Tutorial](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](mailto: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 watching**

<https://spoken-tutorial.org>

