

# 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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- ▶ gedit **Text Editor**



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



# Prerequisite



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



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- ▶ 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

<h2>Bharat Mart</h2>		
<h3>Welcome to Online Grocery Shopping!!</h3> <p>Buy your essentials at the lowest price. Choose from fresh produce to packaged goods and get them delivered straight to your doorstep. Shop for Rs.1000 and more to get FREE delivery.</p>		<ul style="list-style-type: none"><li>• Fruits &amp; Vegetables</li><li>• Foodgrain</li><li>• Beverages</li><li>• Personal care</li><li>• Snacks &amp; Branded Foods</li></ul>
<b>CONTACT US</b> contact@bharat-online.com 9000000001	<b>PAYMENT AND SHIPPING</b> Payment Methods Shipping Policy	<b>ABOUT BHARAT</b> About us FAQ



# 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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- ▶ 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>**

