

# Nav 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:**

► **Navigation**



# Learning Objectives

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

- ▶ **Navigation**
- ▶ **Navigation - methods**



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In this tutorial, we will learn about:

- ▶ Navigation
- ▶ Navigation - methods
- ▶ **Horizontal alignment**



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In this tutorial, we will learn about:

- ▶ Navigation
- ▶ Navigation - methods
- ▶ Horizontal alignment
- ▶ Tabs and pills



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In this tutorial, we will learn about:

- ▶ Navigation
- ▶ Navigation - methods
- ▶ Horizontal alignment
- ▶ Tabs and pills
- ▶ Fill and justify



# System Requirements





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▶ Ubuntu Linux OS v 18.04



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- ▶ HTML5
- ▶ gedit **Text Editor**
- ▶ Firefox **Web Browser**



# Prerequisite

- ▶ **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>



- ▶ **Using** Bootstrap, we can create navigation **components easily and quickly**





- ▶ **Using** Bootstrap, we can create navigation **components easily and quickly**
- ▶ **By using** `.nav` class, all navigation **components will have the same style**



# Nav - Methods

**Basically, there are two methods for creating a navigation**



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Basically, there are two methods for creating a navigation

- ▶ **Using** `<ul>` **and** `<ol>` tags



# Nav - Methods

Basically, there are two methods for creating a navigation

- ▶ Using `<ul>` and `<ol>` tags
- ▶ Using `<nav>` tag



# Code Files

- ▶ **The file used in this tutorial is available in the Code Files link on this tutorial page**



# Code Files

- ▶ **The file used in this tutorial is available in the Code Files link on this tutorial page**
- ▶ **Please download and extract it**



# Code Files

- ▶ The file used in this tutorial is available in the Code Files link on this tutorial page
- ▶ Please download and extract it
- ▶ Make a copy and then use it while practising



# Horizontal Alignment





# Horizontal Alignment

- ▶ In Bootstrap, by default the navigation is left-aligned



# Horizontal Alignment

- ▶ `.justify-content-center` class **is used to center-align the navigation**



# Horizontal Alignment

- ▶ `.justify-content-center` class **is used to center-align the** navigation
- ▶ `.justify-content-end` class **is used to right-align the** navigation



# Tabs and Pills

- ▶ **Using** Bootstrap classes, **we can create** tab **and** pill based navigation



# Tabs and Pills

## Tab based navigation



## Pill based navigation



# Tabs and Pills Classes

- ▶ `.nav-tabs` class **is used to generate a** tabbed navigation



# Tabs and Pills Classes

- ▶ `.nav-tabs` class **is used to generate a** tabbed navigation
- ▶ `.nav-pills` class **is used to generate** pill shaped navigation



# Fill and Justify

`.nav-fill class:`





# Fill and Justify

`.nav-fill` class:

- ▶ **It is used to extend the navigation items and fill all available width**



# Fill and Justify

`.nav-fill` class:

- ▶ **It is used to extend the navigation items and fill all available width**
- ▶ **Every** navigation item **doesn't** have the same width



# Fill and Justify

`.nav-justified` class:



# Fill and Justify

`.nav-justified` class:

- ▶ **It is also used to extend the navigation items and fill all available width**



# Fill and Justify

`.nav-justified` class:

- ▶ **It is also used to extend the navigation items and fill all available width**
- ▶ **Every navigation item has the same width**



# Summary

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

- ▶ **Navigation**
- ▶ **Navigation - methods**
- ▶ **Horizontal alignment**
- ▶ **Tabs and pills**
- ▶ **Fill and justify**



# Assignment

- ▶ **Open the Mypage.html file**
- ▶ **Add .nav-fill class to the navigation**
- ▶ **Save the file**
- ▶ **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>

