

# Web Layout in CSS

**Spoken Tutorial Project**

<https://spoken-tutorial.org>

**National Mission on Education through ICT**

<http://sakshat.ac.in>

**Neha Solanki**

**IIT Bombay**

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# Learning Objectives

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



# Learning Objectives

In this tutorial, we will learn:

- ▶ **Structure the layout of a web page using CSS**



# System Requirements

**This tutorial is recorded using**



# System Requirements

**This tutorial is recorded using**

▶ `Ubuntu Linux OS v 18.04`



# System Requirements

**This tutorial is recorded using**

- ▶ Ubuntu Linux OS v 18.04
- ▶ 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



# Prerequisite

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



# Prerequisite

- ▶ 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



# Code Files

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



# Code Files

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



# Web Layout

- For clarity and easy accessibility the content has to be organised on a web page





# Web Layout

- ▶ For clarity and easy accessibility the content has to be organised on a web page
- ▶ Using CSS we can structure the web layouts as per our requirements



# Web Layout



# Web Layout

## ► Header



# Web Layout

- ▶ **Header**
- ▶ **Menu Bar**



# Web Layout

- ▶ **Header**
- ▶ **Menu Bar**
- ▶ **Content**



# Web Layout

- ▶ **Header**
- ▶ **Menu Bar**
- ▶ **Content**
- ▶ **Footer**

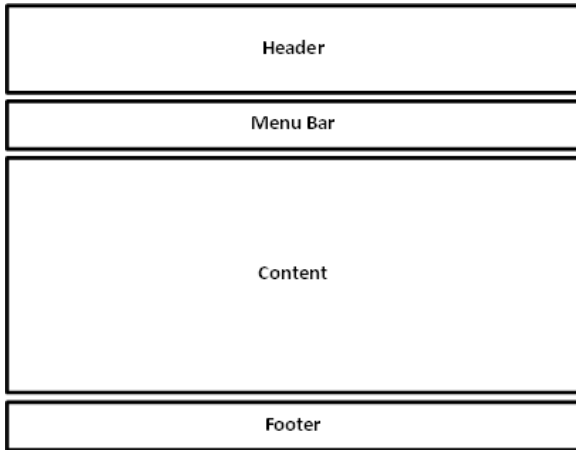


# Web Layout

- **There are many ways to structure our web pages**



# Web Layout





# Header

- ▶ Header **is placed at the top of the** web page



# Header

- ▶ Header **is placed at the top of the** web page
- ▶ **It contains the** title, logo, search bar **etc.**



# Menu Bar

- ▶ Menu Bar **consists of** links, **which are used to navigate through the website**



# Content

- ▶ Content is the main section of the web page



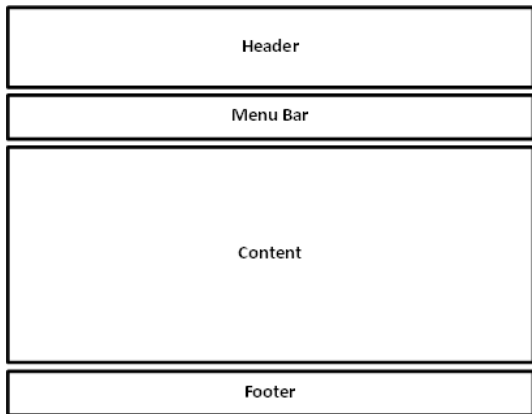
# Content

- ▶ Content **is the main section of the web page**
- ▶ **It can be divided into many columns for better readability**



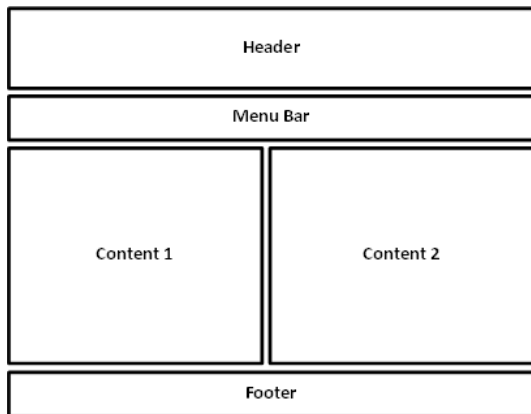
# Content

## 1-column layout: **Mobile Devices**



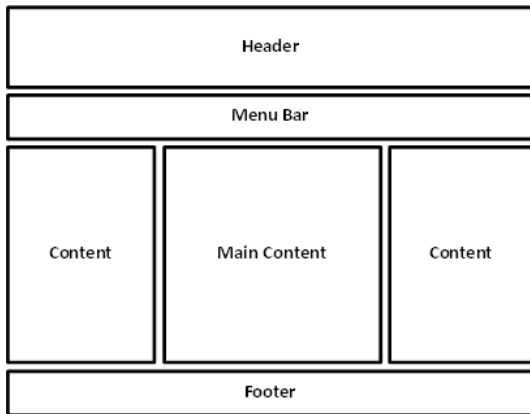
# Content

## 2-column layout: **Tablets & Laptops**



# Content

## 3-column layout: **Desktop**





# Footer

- ▶ Footer **is placed at the bottom of the web page**



# Footer

- ▶ Footer **is placed at the bottom of the** web page
- ▶ **It contains details like** copyrights, address **etc.**



# Summary

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

- ▶ **Structure the layout of a web page using CSS**



# Assignment

- ▶ **Create a file** `layoutpage.html`
- ▶ **Create the following parts:**
  - ▶ Header
  - ▶ Menu Bar
  - ▶ Content:2-columns
  - ▶ Footer



# Assignment

- ▶ **Create a file `layoutstyle.css`**
- ▶ **Style all the parts**
- ▶ **Link the `layoutstyle.css` file to `layoutpage.html` file**
- ▶ **Observe the output**



# 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 joining**  
**<https://spoken-tutorial.org>**

