

More on Forms in HTML

Spoken Tutorial Project

<https://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

Praveen S

IIT Bombay

May 2, 2019



Learning Objectives



Learning Objectives

- ▶ **Forms elements**



Learning Objectives

- ▶ **Forms elements**
- ▶ **Input types in HTML**



Prerequisite



Prerequisite

- ▶ **You should have knowledge of HTML**



Prerequisite

- ▶ You should have knowledge of HTML
- ▶ If not, then go through the corresponding tutorials on <https://spoken-tutorial.org>



System Requirements



System Requirements

- ▶ Ubuntu Linux 16.04 OS



System Requirements

- ▶ Ubuntu Linux 16.04 OS
- ▶ HTML5



System Requirements

- ▶ Ubuntu Linux 16.04 OS
- ▶ HTML5
- ▶ gedit **Text Editor**



System Requirements

- ▶ Ubuntu Linux 16.04 OS
- ▶ HTML5
- ▶ gedit **Text Editor**
- ▶ Firefox **Web Browser**



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**



Date/Time Input type



Date/Time Input type

- ▶ **Date**



Date/Time Input type

- ▶ **Date**
- ▶ **Month**



Date/Time Input type

- ▶ **Date**
- ▶ **Month**
- ▶ **Week**



Date/Time Input type

- ▶ **Date**
- ▶ **Month**
- ▶ **Week**
- ▶ **Time**



Date/Time Input type

- ▶ **Date**
- ▶ **Month**
- ▶ **Week**
- ▶ **Time**
- ▶ **Date Time**



Date/Time Input type

- ▶ **Date**
- ▶ **Month**
- ▶ **Week**
- ▶ **Time**
- ▶ **Date Time**
- ▶ **Date Time-local**



Form Methods

Form method **will be used** when we are **working with**



Form Methods

Form method **will be used** when we are **working with**

- ▶ **Interactive web pages**



Form Methods

Form method **will be used when we are working with**

- ▶ **Interactive web pages**
- ▶ **Client-server mechanism**



Form Methods



Form Methods

- ▶ GET



Form Methods

- ▶ GET
- ▶ POST



GET Method

- ▶ **GET method will pass the values via URL**



GET Method

- ▶ **GET method will pass the values via URL**
- ▶ **Passed values will be seen in the URL**



POST Method

- ▶ **POST method will pass the values via HTTP request**



POST Method

- ▶ **POST method will pass the values via HTTP request**
- ▶ **Passed values will not be seen in the URL**



POST Method

- ▶ **POST method will pass the values via HTTP request**
- ▶ **Passed values will not be seen in the URL**
- ▶ **It is advisable to use POST method for secure transactions like login and money transactions**



Form Methods

Syntax:

- ▶ GET: `<form action="form2.html" method="get">`
- ▶ POST: `<form action="form2.html" method="post">`
- ▶ action attribute **defines the place to which the values have to be passed**



Summary

In this tutorial, we have learnt about:

- ▶ **Form Input types:** Date, Radio, Number
- ▶ **Form Elements:** Select, Datalist, Fieldset
- ▶ **Form Methods:** GET, POST

in HTML



Assignment

- ▶ **Open the file `MyLoginForm.html`**
- ▶ **Get the following details from the user:**
 - ▶ **Date of Birth**
 - ▶ **Gender**
 - ▶ **City**



About the 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



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



Forum for Specific Questions

- ▶ Do you have questions in **THIS Spoken Tutorial?**
- ▶ Please visit <https://forums.spoken-tutorial.org>
- ▶ Choose the minute and second where you have the question
- ▶ Explain your question briefly
- ▶ Someone from our team will answer them



Acknowledgements

- ▶ **Spoken Tutorial Project is a part of the Talk to a Teacher project**
- ▶ **It is supported by the National Mission on Education through ICT, MHRD, Government of India**
- ▶ **More information on this Mission is available at**

<https://spoken-tutorial.org/NMEICT-Intro>



Thank You

Thanks for joining
<https://spoken-tutorial.org>

