

Tutorials WebDev

Inhaltsverzeichnis

Tutorials WebDev.....	1
1 HTML, CSS and Browser Development tools.....	2
2 Using JQuery to access DOM Elements.....	2
3 Setup responsive websites using Bootstrap 4.....	2
4 Working with formulars.....	3
5 Bringing it all together – AnimalCards.....	4

After the reading of the below tutorials & examples you should be able to

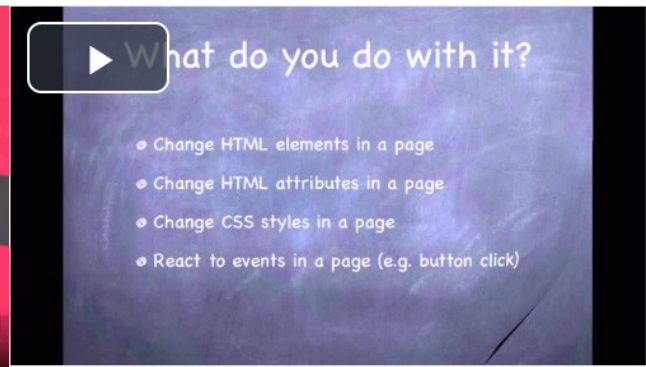
- manipulate DOM Elements using JQuery
- setup a responsive website using bootstrap
- create & read html formulars
- programm highly functional frontends that were designed by design devs

Estimated time of reading, viewing and practicing: 3-6 hours

1 HTML, CSS and Browser Development tools



Low barrier intro to the topic



Manipulate DOM using HTML and CSS

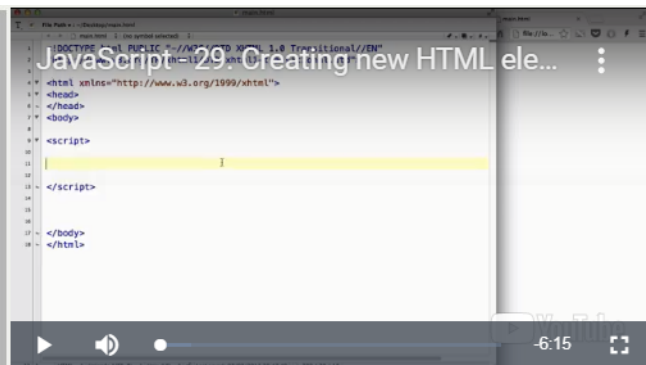


Some helpful browser tools for web developments

2 Using JQuery to access DOM Elements

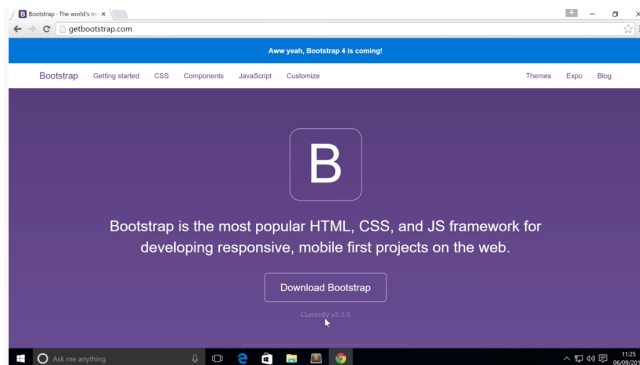


Intro to jQuery, a Javascript library

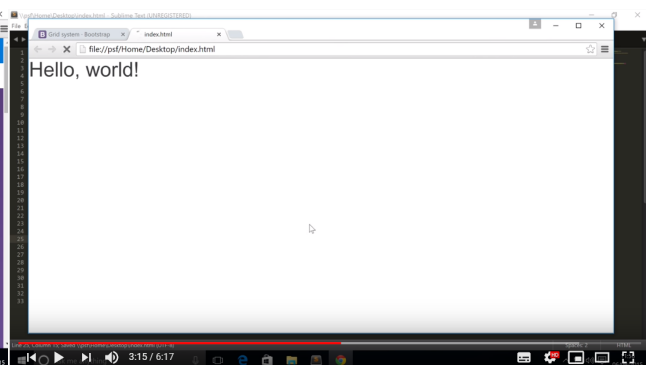


Creating HTML elements with jQuery

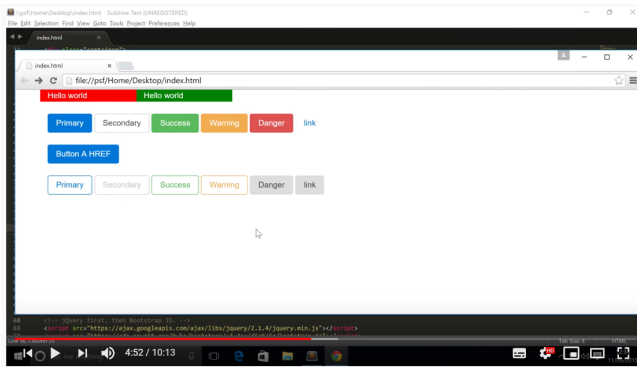
3 Setup responsive websites using Bootstrap 4



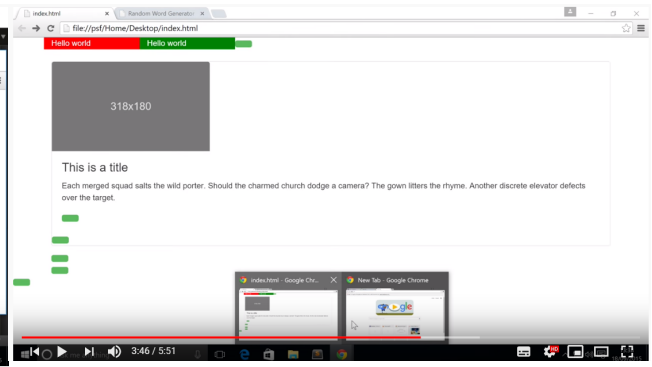
Bootstrap Intro



Responsive Columns with Bootstrap



Buttons

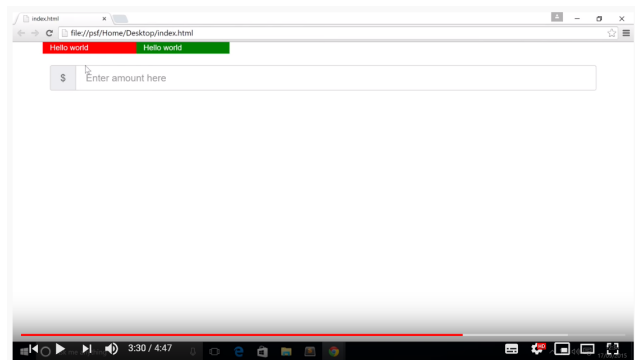


Cards

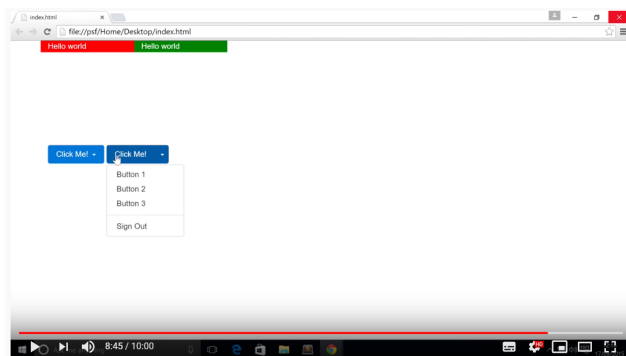
4 Working with formulars



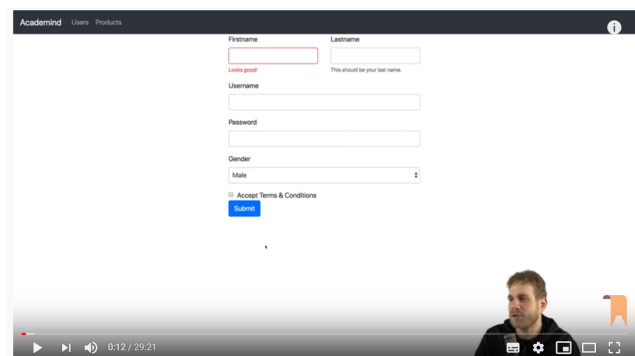
Intro to html forms



Input Groups



Dropdowns



Formulars with bootstrap

5 Bringing it all together – AnimalCards

Möhre ▾



Hildchen

Lamas sind ganz besondere Tiere und toll anzuschauen nach dazu. Hilde schaut immer sehr aufmerksam zu, wenn wir ins Gehege kommen und ihr Mais bringen.



Ferkeli

Das Ferkelchen haben wir besonders lieb. Es wälzt sich stets in Schlamm und Dreck, kommt aber jeden Tag um gekraut zu werden. Es mag Möhren sehr gerne.

Please inspect the provided sources `bootstrap_cards_cloudstore.zip` in the appendix. It contains a fully functioning card view section that creates animal cards dynamically whose data is read from a cloud server. You can ignore the reading from the cloud by using `getDataLocal()` instead of `getDataCloud()`. However, you can test yourself whether you are ready for the next training session if you manage to

- unselect former highlighted (see blue-green background) cards when another food is chosen in the dropdown
- currently only one card is highlighted although in some options two animals eat the selected food (see e.g. mais or salat), redo the code such that all cards with the selected food are highlighted