

JavaScript and RegEx

Do stuff in browsers

ITI-F20

SDU Robotics
The Maersk Mc-Kinney Moller Institute
University of Southern Denmark

Agenda



- ▶ JavaScript
- ▶ Ajax
- ▶ RegEx



Responsive webpage

► Changing elements

```
document.getElementById("myBtn").style.color="black";
```



Responsive webpage

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- ▶ Add event listeners in HTML

```
<input type="text" id="fname" onclick="myFunction()">
```



Responsive webpage

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document.getElementById("myBtn").style.color="black";
```

- ▶ Add event listeners in HTML

```
<input type="text" id="fname" onclick="myFunction()">
```

- ▶ Directly in JavaScript

```
document.getElementById("myBtn").addEventListener("click", displayDate);
```



```
1  function loadDoc() {
2  var xhttp = new XMLHttpRequest();
3  xhttp.onreadystatechange = function() {
4      if (this.readyState == 4 && this.status == 200) {
5          document.getElementById("demo").innerHTML = this.responseText;
6      }
7  };
8  xhttp.open("GET", "ajax_info.txt", true);
9  xhttp.send();
10 }
1
```



► Phone Number Validation

```
let phoneRegExp = new RegExp(/^\\+(\\d){8,25}$/);
```



► Phone Number Validation

```
let phoneRegExp = new RegExp(/^\\+(\\d){8,25}$/);
```

► Password validation

```
let ref = new RegExp(/^(?=.*[a-z])(?=.*[A-Z])(?=.*\\d)(?=.*[@$!%*?&])[A-Za-z\\d@$!%*?&]{8,}$/)
```




► Phone Number Validation

```
preg_match('/^\+(\d){8,25}$/', Subject);
```



- ▶ Phone Number Validation

```
preg_match('/^\+(\d){8,25}$/', Subject);
```

- ▶ Password validation

```
preg_match('/^(?=.*[a-z])(?=.*[A-Z])(?=.*\d)(?=.*[@$!%*?&])[A-Za-z\d@$!%*?&]{8,}$/', Subject);
```