

Lab 8

Bootstrap?

- Bootstrap is a free front-end framework for faster and easier web development
- Bootstrap includes HTML and CSS based design templates for typography, forms, buttons, tables, navigation, modals, image carousels, and many other, as well as optional JavaScript plugins
- Bootstrap also gives you the ability to easily create responsive designs

Where to Get Bootstrap?

There are two ways to start using Bootstrap on your own website.

You can:

- Download Bootstrap from getbootstrap.com
- Include Bootstrap from a CDN

If you want to download and host Bootstrap yourself, go to getbootstrap.com, and follow the instructions there.

If you don't want to download and host Bootstrap yourself, you can include it from a CDN (Content Delivery Network).

MaxCDN provides CDN support for Bootstrap's CSS and JavaScript. **You must also include jQuery:**

<!-- Latest compiled and minified CSS -->

<link rel="stylesheet"

href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

<!-- jQuery library -->

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<!-- Latest compiled JavaScript -->

<script

src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

Bootstrap Basic Table

A basic Bootstrap table has a light padding and only horizontal dividers. The `.table` class adds basic styling to a table:

Example

Firstname	Lastname	Email
John	Doe	john@example.com
Mary	Moe	mary@example.com
July	Dooley	july@example.com

Striped Rows

The `.table-striped` class adds zebra-stripes to a table:

Example

Firstname	Lastname	Email
John	Doe	john@example.com
Mary	Moe	mary@example.com
July	Dooley	july@example.com

Bordered Table

The `.table-bordered` class adds borders on all sides of the table and cells:

Example

Firstname	Lastname	Email
John	Doe	john@example.com
Mary	Moe	mary@example.com
July	Dooley	july@example.com

Hover Rows

The `.table-hover` class adds a hover effect (grey background color) on table rows:

Example

Firstname	Lastname	Email
John	Doe	john@example.com
Mary	Moe	mary@example.com
July	Dooley	july@example.com

AJAX

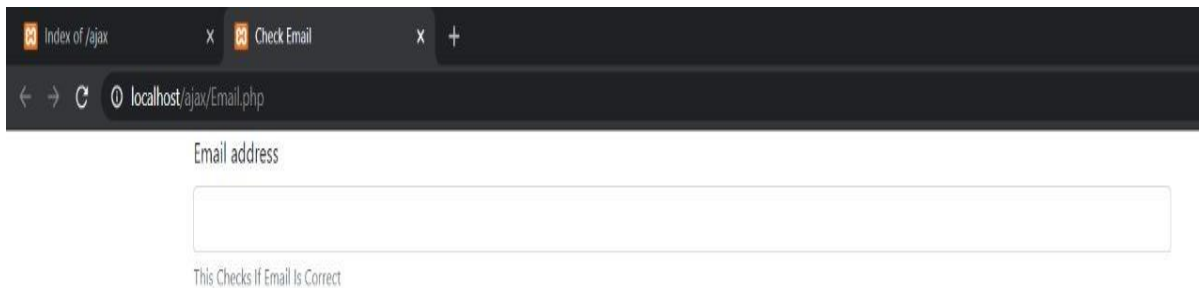
AJAX = **A**synchronous **J**avaScript **A**nd **X**ML.

AJAX is not a programming language.

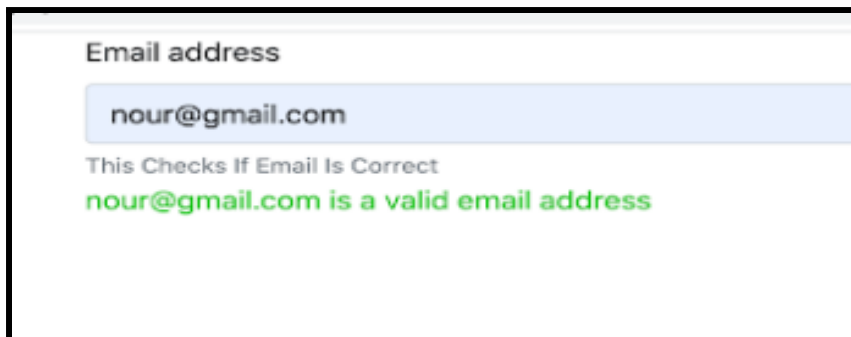
AJAX just uses a combination of:

- A browser built-in `XMLHttpRequest` object (to request data from a web server)
- JavaScript and HTML DOM (to display or use the data)

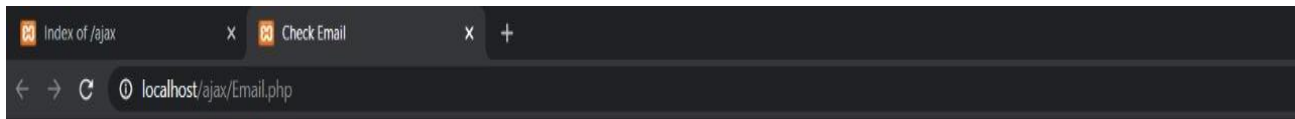
Example 1: mail validation



The screenshot shows a web browser with two tabs: 'Index of /ajax' and 'Check Email'. The address bar displays 'localhost/ajax/Email.php'. The form contains a label 'Email address' above a text input field. Below the input field is a small text label 'This Checks If Email Is Correct'.



The screenshot shows the same form after submission. The input field now contains the text 'nour@gmail.com'. Below the input field, the text 'This Checks If Email Is Correct' is followed by a green message: 'nour@gmail.com is a valid email address'.



Email address

nada.ayman@miuegypt.edu.

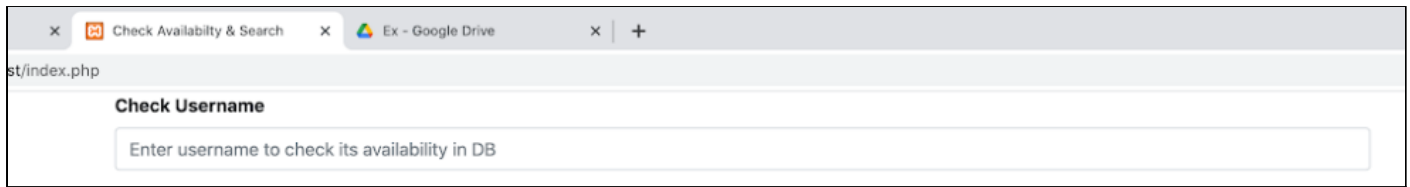
This Checks If Email Is Correct

nada.ayman@miuegypt.edu. is not a valid email address

```
<head>
  <style>
    .email-ok{color:#2FC332;}
    .email-wrong{color:#D60202;}
  </style>
  <script src="https://code.jquery.com/jquery-2.1.1.min.js" type="text/javascript"></script>
  <script>
    function validation()
    {
      jQuery.ajax(
      {
        url: "validation.php",
        data:'email='+$("#email").val(),
        type: "POST",
        success:function(data)
        {
          $("#msg").html(data);
        }
      });
    }
  </script>
</head>
<body>
<h1>Check if Email is correct</h2>
<label>Email:</label>
<input name="email" type="text" id="email" onkeyup="validation()">
<div id="msg"></div>
</body>
```

Exercise

1)



A screenshot of a web browser with two tabs: 'Check Availability & Search' and 'Ex - Google Drive'. The address bar shows 'st/index.php'. The page content includes a heading 'Check Username' and a text input field with the placeholder text 'Enter username to check its availability in DB'.

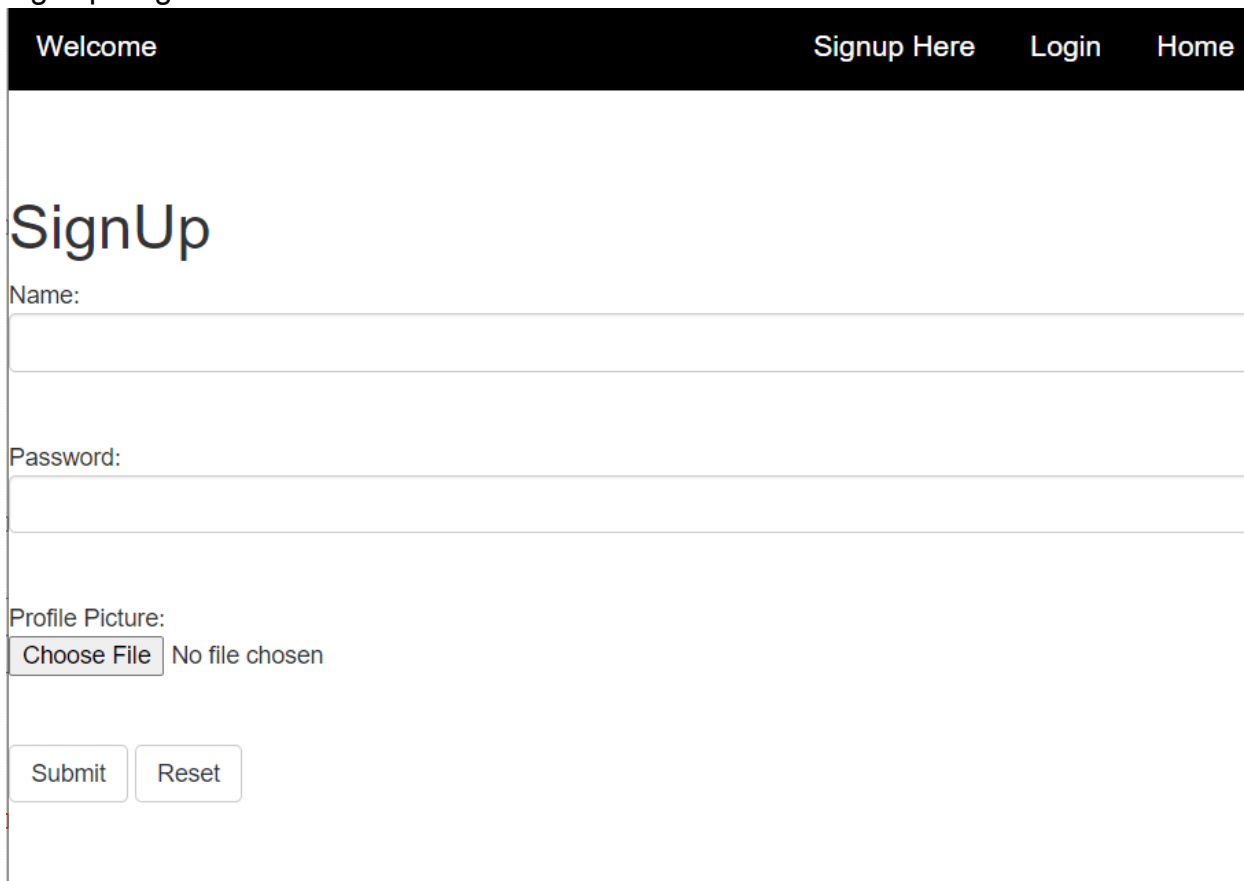
2)Home Page:



A black navigation bar with white text. On the left is 'Welcome'. On the right are links: 'Signup Here', 'Login', and 'Home'.

Welcome

SignUp Page:



A web form for signing up. It features a black navigation bar at the top with 'Welcome' on the left and 'Signup Here', 'Login', and 'Home' on the right. Below the bar, the heading 'SignUp' is displayed. The form includes three input fields: 'Name:', 'Password:', and 'Profile Picture:'. The 'Profile Picture:' field has a 'Choose File' button and the text 'No file chosen'. At the bottom, there are 'Submit' and 'Reset' buttons.

Login Page:

Welcome

Signup Here

Login

Home

Login

Name:

Password:

Submit

Reset

When User logs in:



Welcome Nada

SignOut

Delete Account

Messages

Home

Welcome

When we go to messages for the first time, its empty



Welcome Nada

SignOut

Delete Account

Messages

Home

Search

Search

No conversations yet!

Try to search for ahmed

 Welcome Nada

SignOut


Delete Account

Messages

Home

ahmed

Search

 Ahmed [Send message](#)

No conversations yet!

Click on “Send message”


 Welcome Nada

SignOut

Delete Account

Messages

Home


 Ahmed

No messages yet! Say 'Hi'

Type your message here

send

Type your messages, the messages will be saved in database.


 Welcome Nada

SignOut

Delete Account

Messages

Home

 Ahmed

Nada	Hi
Nada	How are you?

Type your message here

send

Now signout and log in with ahmed.

There is a message from nada.

Welcome Ahmed

SignOut

Delete Account

Messages

Home

Search

Search

Nada [Send message](#)

Ahmed can reply back


Welcome Ahmed

SignOut

Delete Account

Messages

Home

Nada

Nada	Hi
Nada	How are you?
Ahmed	I am Fine
Ahmed	What about you?

Type your message here

send