

1. Write a script that shows user information stored in JSON file when the user clicks on the button without reloading the webpage.

Input:

Index.html

```
<html>
  <head>
<title> AJAX </title> </head>
  <body>
    <center>
      <h1> Using AJAX </h1>
<p id="101"> This content will be changed without reloading.</p>
<button type="button" onclick="Change()"> Change DATA</button> </center>
<script>
  function Change(){

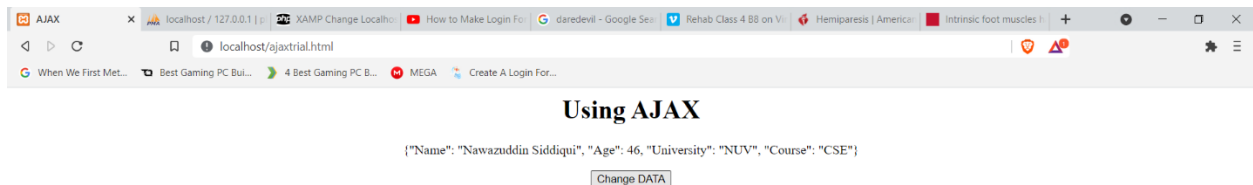
var xhr = new XMLHttpRequest(); xhr.open("GET", "data.json", true);
xhr.send();
xhr.onload = function() {
document.getElementById("101").innerHTML=this.responseText ;
}
}

  </script>
</body>
</html>
```

Data.JSON

```
{"Name": "Nawazuddin Siddiqui", "Age": 46, "University": "NUV", "Course": "CSE"}
```

Output:



2. Write script that show the updated value of number of likes, if user clicks on Like button without refreshing/reloading the webpage.

Input:

Input code

Index.php

```
<html>
<head>
<title> Likes </title>
</head>
<body>
<button onclick="Likes()"> LIKE </button><br>
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "likes";

$con = mysqli_connect($servername,$username,$password,$dbname);
$sql = "SELECT `likecount` FROM `counts`";
$result = mysqli_query($con, $sql);
echo "<p id='demo'> Number of Likes: " .mysqli_fetch_assoc($result)["likecount"]. "</p>";
?>
<script>
function Likes()
{
```

```
var xhr = new XMLHttpRequest();
xhr.open("GET", "database.php", true);
xhr.send();
xhr.onload = function()
{
    document.getElementById("demo").innerHTML="Number of Likes: " + this.responseText;
}
}
</script>
</body>
</html>
```

Database.php

```
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "likes";

$con = mysqli_connect($servername,$username,$password,$dbname);
$sql = "UPDATE count set likecount = likecount + 1;";
mysqli_query($con, $sql);
$sql = "SELECT `likecount` FROM `counts`";
$result = mysqli_query($con, $sql);
echo mysqli_fetch_assoc($result)["likecount"];
?>
```

Browser tabs: FY_CSE_Timetable_Spring_2021 (Div. B) Likes localhost / 127.0.0.1 / likes / count

Address bar: localhost/phpmyadmin/index.php?route=/sql&db=likes&table=counts&pos=0

Server: 127.0.0.1 Database: likes Table: counts

Buttons: Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Warning: Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 0 (1 total, Query took 0.0013 seconds)

SQL: `SELECT * FROM `counts``

Options: ☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Table controls: ☐ Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

likecount

0

Table controls: ☐ Show all | Number of rows: 25 | Filter rows: Search this table

Query results operations:

Bookmark this SQL query

Label: ☐ Let every user access this bookmark

Bookmark this SQL query

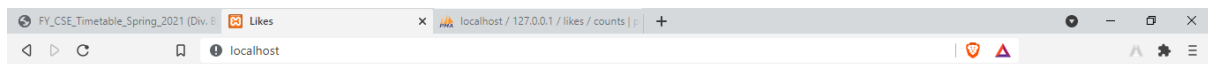
Console

Browser tabs: FY_CSE_Timetable_Spring_2021 (Div. B) Likes localhost / 127.0.0.1 / likes / counts

Address bar: localhost

LIKE

Number of Likes: 0



Number of Likes: 5