

# ajax

```
ajax.php 9- X
mySolutions > not3 > ajax > ajax.php > ...
1 <?php
2 // Need of the ajax is getting required data .
3 // There will be one page to send data and another which request that
  data.
4
5 //
6 *****
7 // SEND DATA
8
9 <?php
10 header("Content-Type: application/json");
11
12 $data = ["name" => "ahmo", "age" => 24];
13 // $data = getGames();
14
15 echo json_encode($data);
16 // -----
17 //
18 *****
19 // GET DATA
20
21 $("button").click(function() {
22 // let url = "sendData.php";
23 let url = "http://localhost/AhmetOguzErgin/Web/mySolutions/11/1/
24 dataSend.php";
25
26 // $.get(url, {name: "ahmet", age: 24} function(data) {
27 $.get(url, function(data) {
28 console.log(data);
29
30 console.log(data[0].name);
31 $("#result").html(data[0].name);
32 }).then(function() {
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## Cookie2

```
cookie.php X
mySolutions > not3 > Cookie > cookie.php > ...
59 // and direct to authenticated page
60
61 if ($_SERVER["REQUEST_METHOD"] == "POST") {
62     // check username and password from database
63     if (checkUserPassword($username, $password)) {
64         // you are authenticated
65
66         // create unique cookie token for user
67         $token = sha1(uniqid() . "_TOKEN_" . time());
68
69         // update database token column
70         updateDatabaseToken($username, $token);
71
72         // give that token to user as cookie
73         setcookie("token", $token, time() + 60 * 60 * 1, "/", "", true,
true);
74
75         // direct to page as authenticated with cookie
76         header("Location:./main.php");
77         exit;
78     }
79 }
80 //
81 *****
82
83 // when user get into Main Page:
84 // 1. check if user get this page by authentication or not
85 if (!hasCookieAlready() || !isCookieValid()) {
86     // if there is no cookie or cookie is not valid for us exit with
login page
87     header("Location:./login.php");
88     exit;
89 } else {
90     // display info
91     $user = getUserFromDb($token);
92
93     // display info
94     echo "<p class='center'> Hello {$user["username"]}. </br> We miss
you! </p>";
95     echo "<p class='center'><br>Your cookie token help us to
authenticate you ! <br> $token</p>";
96 }
97 //
98 *****
99
100 // LOGOUT
101 // basically it delete cookie by aranging time to a past
102 // delete cookie by time as delete also you may update like that
103 if (isset($logout)) {
104     setcookie("token", "asd", 1, "/");
105     header("Location:./login.php");
106     exit;
107 }
108
109 // Tricks footnotes
110 // when setcookie() is executed $_COOKIE array not refreshed so you need
to refresh page.
111 // you cannot change cookie with array you need to use setcookie()
expression
112 // in inspect element -> application you may see change cookies
113 // setcookie("name" : "ahmet", time()+60*60*2, "/", "ahmo.net", true,
true)
114 // cookie name, value , 2 hour, allowed folder, domain, https,
not sending cookie with javascript
```

## Session 1

```
session.php X
mySolutions > not3 > Session > session.php > ...
1 <?php
2 // In session, file is created by server
3 // File id will be given to client with cookie
4 // Cookie of the session automatically deleted when browser is closed or
  logout
5 session_start(); //do not forget to put that for every page
6
7
8 // -----
9 // 1. LOGIN CREATE
10 //check if there is session and direct
11 if (hasValidSession()) {
12     header("Location:./main.php");
13     exit;
14 }
15
16 function hasValidSession()
17 {
18     if (isset($_SESSION["user"])) {
19         return true;
20     }
21     return false;
22 }
23
24 // if there is no, form session file
25 if ($_SERVER["REQUEST_METHOD"] == "POST") {
26     if (checkUserPassword($username, $password) == true) {
27         // form session file
28         $_SESSION["user"] = getUserFromDb($username);
29
30         //remember me, //set session cookie with time
31         // bu aşağıdaki sayfa ilk açıldığı zaman çalışmıyor çünkü cookie
        sayfa kapanınca save ediliyor.
32         // setcookie(session_name(), $_COOKIE["PHPSESSID"], time() + 60
        * 60 * 24 * 7, "/");
33         // setcookie(session_name(), session_id(), time() + 60 * 60 * 24
        * 7, "/");
34
35         // direct to main page
36         header("Location:./main.php");
37         exit;
38     }
39 }
40
41 function checkUserPassword($username, $password)
42 {
43     global $db;
44
45     try {
46         $sql = "select * from cookiesession where username = :username
        and password = :password";
47         $stmt = $db->prepare($sql);
48         $stmt->bindValue(":username", $username, PDO::PARAM_STR);
49         $stmt->bindValue(":password", $password, PDO::PARAM_STR);
50         $stmt->execute();
51         $row = $stmt->fetch(PDO::FETCH_ASSOC);
52     } catch (Exception $ex) {
53         die("Query Error : " . $ex->getMessage());
54     }
55
56     if ($row == false) {
57         echo "<h1 class='error'>Wrong Password</h1>";
58         return false;
59     }
60     return true;
61 }
```

## Session 2

```
session.php X
mySolutions > not3 > Session > session.php > ...
63 function getUserFromDb($username)
64 {
65     global $db;
66
67     try {
68         $sql = "select * from cookiesession where username = :username";
69         $stmt = $db->prepare($sql);
70         $stmt->bindValue(":username", $username, PDO::PARAM_STR);
71         $stmt->execute();
72         $row = $stmt->fetch(PDO::FETCH_ASSOC);
73     } catch (Exception $ex) {
74         die("Query Error : " . $ex->getMessage());
75     }
76
77     return $row;
78 }
79
80 // -----
81 // 2. Main Page CHECK READ
82 // check session to prevent unauthenticated users
83 if (!hasValidSession()) {
84     header("Location:./login.php");
85     exit;
86     var_dump(hasValidSession());
87 }
88
89 $userData = $_SESSION["user"];
90
91 // -----
92 // 3. LOG OUT DELETE UPDATE
93 if (isset($_logOut)) {
94     //delete anything specific
95     // unset($_SESSION["login"]);
96
97     // update anything specific
98     // $_SESSION["login"]["name"] = "ahmet" ;
99
100     //clear data
101     $_SESSION = [];
102
103     // delete cookie
104     setcookie(session_name(), "", 1, "/"); // delete memory cookie
105
106     // delete session file from tmp
107     session_destroy();
108
109     header("Location: login.php");
110 }
```