PHP Database connect

```php
$conn = mysqli_connect("localhost","root", "", "dbtest");

if(mysqli_connect_errno()){

    die("Could not connect: " . mysqli_connect_error());
}
```

JQUERY POST REQUEST FORMAT

```javascript
$.ajax(
        {
            url: "./server/db.php",
            method: "POST",
            data: {
                login: 1,
                nameJQUERY: name,
                emailJQUERY: email
            },
            success: function(response){
                var data = $("#stored").val();

                console.log(response);
            },
            dataType: "text"
        }
```

CHECK IF JQUERY HAS SENT A POST REQUEST

```php
if (isset($_POST['login'])){

    //INSIDE HERE WRITE CODE TO STORE IN THE DATABASE.
    //REPEAT THE SAME VALIDATION DONE IN THE JQUERY CODE UNDER THIS TO PROTECT
YOUR SERVER IF CLIENT-SIDE VALIDATION FAILS
}
```

GET VALUES FROM JQUERY

```php
//Pass in the names from JQUERY POST request and not from the html form
    $name = $_POST["nameJQuery"];
    $email = $_POST["emailJQUERY"];
```

ERROR MESSAGES IN JQUERY FROM SERVER

```
//Error messages sent by the server will be displayed under this success
function.
//Just pass the error in the html tag using the tag id to identify it,
//below an html tag with id="stored" is called and passed the error message in
it


        success: function(response){
          $("#stored").html(response);


        },
        dataType: "text"
```

LOGIN WITH SESSIONS

```
//Start session of login in the database file
//make sure you include the file location in the folder that has your login
form
//e.g file name that has login form is login.php, and file name that has
database is db.php
//Inside login.php ontop, write <?php include "./db.php" <?

  session_start();

//check if session is set, meaning check if a person is logged in already
//add redirect after person logged in and reference the location of the
redirect file using the file you including the database in
//e,g you have profile.php in the same directory as login.php which is the
main file. And inside database file db.php which is inside a different
directory as the login.php and profile.php you redirect the person to
profile,php like header("Location: ./profile.php"), this ./profile.php
reference the location based on the login.php not db.php.

  if(isset($_SESSION['logged_in'])){
    header('Location:./profile.php');
    exit("session");
  }

//Query the database this way, if you just pass in a raw query string in the
$sql variable,
//it will return a string and give a warning when it checks for num_rows > 0.

$sql = $conn->query ("SELECT * FROM person WHERE email = '$email' AND name =
'$name'");
```

```php
    //Log in the user if the if statement is executed
    if($sql->num_rows > 0){

        $_SESSION['logged_in'] = "1"; //start login session
        $_SESSION['email'] = $email; // store user email in the session
        exit("Logged in user");
    }
```

LOGOUT WITH SESSIONS

```php
//Create a new file called logout.php and destroy the sessions and redirect to
Login form

<?php
 session_start();
 unset($_SESSION["logged_in"]);
 session_destroy();
 header("Location: ../login.php");
```

COMPLETE JQUERY CODE

```
<script >
    //check if page is loaded
    $(document).ready(function() {
      //check if button is clicked
      $("#submit").on("click", function(){
        //initialize variables from form using id
        const name = $("#name").val();
        const email = $("#email").val();

        if(name == "" || email == ""){
          alert("Please enter inputs");
        }else{
            //SEND POST request to PHP
             $.ajax(
                    {
                      url: "./server/db.php",
                      method: "POST",
                      data:{
                        login: 1,
                        namePHP: name,
                        emailPHP: email
                      },
                      success: function(response){
                        $("#stored").html(response);

                      },
                      dataType: "text"
                    }
                )
              }
      })
    });

  </script>
```