

CECS 544 Lab 1 Due 1/30/2020    end of lab

1. Download and install (if you haven't already) your favorite server side software (web server ,scripting engine and database). I recommend XAMPP (Apache, MySQL, Php). As my old professor used to say, "It's quick and dirty." Which I think meant it was simple and straight forward.

You may use any other set up you wish - ASP, Ruby, Go - provided that the language supports interfacing to an sql database.

Upon successful installation -

2. Run the code below to produce your first web site (at least for this class). Put the two following php files (separately) in the htdocs directory under xampp into the directory named below.

Turn into BB a word file (or such) with YOUR NAME and screen shots of the two pages.

In case you don't know:

- websites under XAMPP go in the directory **htdocs**
- each website must have its own directory
- this lab's directory is CECS544Lab1
- the launch page defaults to index.php
- to launch the website you must first start Apache (Figure 1)
- in your favorite browser's address field type: **localhost/CECS544Lab1/**
- on your machine the server is called **localhost**
- Netbeans has a plugin for PHP projects smartly called PHP
  - makes organizing, maintaining and running "quick and dirty"

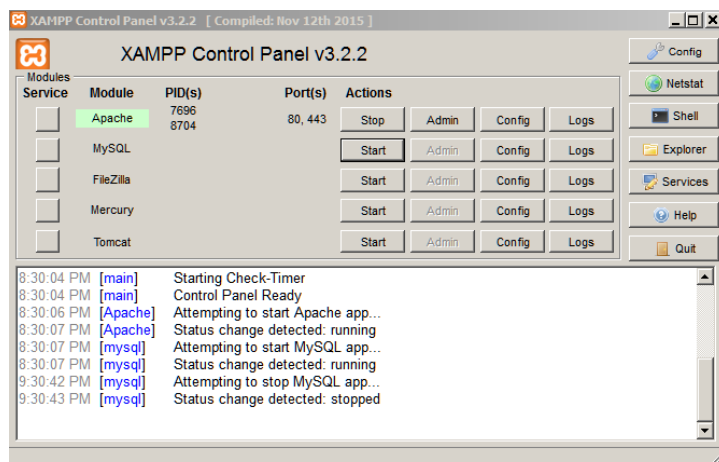


Figure 1XAMPP Control Panel

This is index.php

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="UTF-8">
    <title>CECS 544 Lab 1</title>
  </head>
  <body>
    <h1>Lab 1</h1>
    <form action="page2.php" method="post" onsubmit="return validate(this)">
      <table>
        <tr><td>First name:</td><td><input type="Text" name="first"</td></tr>
        <tr><td>Last name:</td><td><input type="Text" name="last"</td></tr>
      </table>
      <input type="submit" name="submit" value="Next">
    </form>
    <script language=Javascript>
      function validate(theform) {
        if(theform.first.value === ""){
          alert ("First name field must contain characters");
          return false;
        }
        if(theform.last.value === ""){
          alert ("Last name field must contain characters");
          return false;
        }
        return true;
      }
    </script>
  </body>
</html>
```

This is page2.php

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<meta charset="UTF-8">
```

```
<title>CECS 544 Lab 1 Page 2</title>
```

```
</head>
```

```
<body>
```

```
<h2>
```

```
<?php
```

```
    $first = $_POST['first'];
```

```
    $last = $_POST['last'];
```

```
    printf("You entered %s %s as your name.<p>", $first, $last);
```

```
?>
```

```
    You have successfully completed Lab1!
```

```
<p>
```

```
<input type="button" value="Return" id=button1 name=button1  
onclick="go_home()">
```

```
</h2>
```

```
<script language=Javascript>
```

```
    function go_home(){
```

```
        window.location.replace("index.php");
```

```
    }
```

```
</script>
```

```
</body>
```

```
</html>
```