I installed XAMPP webserver. XAMPP is a free and open-source cross-platform web server solution stack package developed by Apache Friends, consisting mainly of the Apache HTTP Server, MariaDB database, and interpreters for scripts written in the PHP and Perl programming languages. I used my server to start Module 6.

Graphical user interface, text, application

Description automatically generatedGraphical user interface, application

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Here is my index.php file

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>More Forms</title>

</head>

<body onload="main()">

    <h1>Feedback Form</h1>

    <p>Please fill out this form to help us improve our site</p>

    <form action="post">

        <p>

            <input type="hidden" vlaue="dietel@deitel.com"/>

            <input type="hidden" name="subject" vlaue="Feedback Form"/>

            <input type="hidden" name="redirect" value="main.html" />

        </p>

        <p><label for="Name">Name:

            <input id="name" name="name" type="text" size="25"/>

        </label></p>

        <!-- <textarea> creates a multiline textbox -->

        <p><label for="comments">Comments:<br/>

            <textarea id="comments" name="comments" cols="36" rows="4"></textarea>

        </label></p>

        <p><label for="email">E-mail Address:

            <input id="email" type="password" name="email" size="25"/>

        </label></p>

        <p>

            <strong>Things you liked:</strong><br/>

            <label>Site design

                <input id="thingsliked" type="checkbox" name="thingsliked" value="Design"/>

            </label>

            <label>Ease of use

                <input type="checkbox" name="thingsliked" value="Ease"/>

            </label>

            <label>Images

                <input type="checkbox" name="thingsliked" value="Images"/>

            </label>

            <label>Source code

                <input type="checkbox" name="thingsliked" value="Code"/>

            </label>

        </p>

        <p>

            <strong>How did you get to our site?:</strong><br/>

            <label>Search engine

                <input name="howtosite" type="radio" value="search engine" checked="checked"/>

            </label>

            <label>Links from another site

                <input name="howtosite" type="radio" value="link" checked="checked"/>

            </label>

            <label>Reference in a book

                <input name="howtosite" type="radio" value="book"/>

            </label>

            <label>Other

                <input name="howtosite" type="radio" value="other"/>

            </label>

        </p>

        <p>

            <label>Rate our site:

                <select name="rating">

                    <option selected="selected">Amazing</option>

                    <option>10</option>

                    <option>9</option>

                    <option>8</option>

                    <option>7</option>

                    <option>6</option>

                    <option>5</option>

                    <option>4</option>

                    <option>3</option>

                    <option>2</option>

                    <option>1</option>

                    <option>Awful</option>

                </select>

            </label>

        </p>

        <p>

            <input type="submit" value="Submit"/>

            <input type="reset" value="Clear"/>

        </p>

    </form>

</body>

</html>

<script src="16.7.js"></script>

Here is an example of serving xml with php

<?php

header('Access-Control-Allow-Origin: \*');

header("Access-Control-Allow-Headers: X-API-KEY, Origin, X-Requested-With, Content-Type, Accept, Access-Control-Request-Method");

header("Access-Control-Allow-Methods: GET, POST, OPTIONS, PUT, DELETE");

header('Content-type: text/xml');

echo "<?xml version='1.0' encoding='UTF-8'?>";

echo "<email>";

echo "blackhat@aol.com";

echo "</email>";

?>

Here is the associated js file

//global variables

*var* element;

*var* email;

*var* asyncRequest;

// initial entry point.

*function* main(){

*var* name        = document.getElementById("name")

*var* email       = document.getElementById("email");

*var* comments    = document.getElementById("comments");

*var* thingsLiked = document.getElementById("thingsliked");

    // check for focus event

    name.addEventListener("focus", ensureNotEmpty);

    email.addEventListener("focus",ensureNotEmpty);

    comments.addEventListener("focus",ensureNotEmpty);

    thingsLiked.addEventListener("focus",ensureNotEmpty);

    // check for blur event

    name.addEventListener("blur", ensureNotEmpty);

    email.addEventListener("blur",ensureNotEmpty);

    comments.addEventListener("blur",ensureNotEmpty);

    thingsLiked.addEventListener("blur",ensureNotEmpty);

}

*function* ensureNotEmpty(*event*){

*var* selectedElement = document.getElementById(*event*.srcElement.id);

    if(*event*.type == "focus"){

        element = document.getElementById(*event*.srcElement.id);

    }

    if(*event*.type == "blur" && element == selectedElement){

        if(selectedElement.value){

            removeWarning(selectedElement);

        }

        else{

            if(warningDoesNotExist(element)){

                createWarning(element);

            }

        }

        if(selectedElement.id=="email"){

            checkEmailFormat(selectedElement);

            checkEmailList(selectedElement);

        }

    }

}

*function* createWarning(*element*){

*var* id = *element*.id+"-warning";

*var* label   = document.createElement("label");

    label.innerHTML = " |Please do not leave blank|";

    label.id    = id;

*element*.parentNode.appendChild(label);

}

*function* removeWarning(*element*){

*var* id = *element*.id+"-warning";

    warning = document.getElementById(id);

    if(warning && *element*.value)

        warning.remove();

}

*function* warningDoesNotExist(*element*){

*var* id = *element*.id+"-warning";

    return !document.getElementById(id);

}

*function* checkEmailFormat(*emailElement*){

*var* pattern = /^[a-zA-Z0-9.!#$%&'\*+/=?^\_`{|}~-]+@[a-zA-Z0-9-]+(?:\.[a-zA-Z0-9-]+)\*$/;

    if(pattern.test(*emailElement*.value)){

        emailWarning = document.getElementById("email-format-warning");

        if(emailWarning)

*emailElement*.parentNode.removeChild(*emailElement*);

    }

    else{

        addEmailWarning(*emailElement*, " |Invalid email|");

    }

}

*function* addEmailWarning(*emailElement*, *warning*){

    if(!document.getElementById("email-format-warning")){

*var* label   = document.createElement("label");

        label.innerHTML = *warning*;

        label.id    = "email-format-warning";

*emailElement*.parentNode.appendChild(label);

    }

}

*function* addBlackListEmailWarning(*emailElement*, *warning*){

    if(!document.getElementById("email-blacklist-warning")){

*var* label   = document.createElement("label");

        label.innerHTML = *warning*;

        label.id    = "email-blacklist-warning";

*emailElement*.parentNode.appendChild(label);

    }

}

*function* checkEmailList(*emailElement*){

    email = *emailElement*;

    asyncRequest = new *XMLHttpRequest*();

    asyncRequest.addEventListener("readystatechange",processResponse, false);

    asyncRequest.open("GET","http://localhost/16-7.php",true);

    asyncRequest.send(null);

}

*function* processResponse(){

    if(asyncRequest.readyState==4 && asyncRequest.status==200 && asyncRequest.responseXML){

*var* emails = asyncRequest.responseXML.getElementsByTagName("email");

*var* removeWarning = false;

        for(*var* i=0; i < emails.length;i++){

            removeWarning = true;

            if(email.value==emails[i].textContent){

                addBlackListEmailWarning(email, " |black listed|");

                removeWarning = false;

            }

        }

        if(removeWarning && document.getElementById("email-blacklist-warning")){

            document.getElementById("email-blacklist-warning").remove();

        }

    }

}