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**Lab Assignment-2**

**Name: Somit Jain**

**Reg No: 20BDS0181**

**Course Code: CSE2015**

**Internet Programming and Web Technologies**

**Slot: L45+L46**

**Professor: Dr. LOKESH KUMAR R**

**Class ID: VL2022230504175**

[**GITHUB LINK**](https://github.com/somit-27/Internet-Programming-and-Web-Technologies/tree/master/Assessment-2)

**CODE:**

**MAIN PAGE:**

<html>

    <head>

        <title>Workshop Registration</title>

        <link rel="stylesheet" href="style1.css">

        <script src="javascript.js"></script>

    </head>

    <body>

        <div id="container">

            <div id="header">

                <div class="title">

                    <h3>Workshop Registration</h3>

                </div>

                <div class="more">More actions</div>

            </div>

                <form name = "Workshop" onsubmit="return validate();">

                    <div id="left">

                        <p><u>Register now while seats are available!</u></p>

                        <br>

                        <label for = "fname">First Name <span>\*</span></label>

                        <input type = "text" name = "fname" id = "fname" required>

                        <br>

                        <label for = "lname">Last Name <span>\*</span></label>

                        <input type = "text" name = "lname" id = "lname" required>

                        <br>

                        <label for = "comins">Company/Institution<span>\*</span></label>

                        <input type = "text" name = "comins" id = "comins">

                        <br>

                        <label for = "addr" id="addr">Address

                        <span>\*</span></label>

                        <textarea rows="5" cols = "30" name="addr"></textarea>

                        <br>

                        <label for = "city">City <span>\*</span></label>

                        <input type = "text" name = "city" id = "city">

                        <br>

                        <label for = "state">State/Province/Region</label>

                        <select name = "state" id = "state">

                        <option value = "-1">-Select-</option>

                        <option value = "Maha">Maharshtra</option>

                        <option value = "MP">Madhya Pradesh</option>

                        <option value = "TN">Tamil Nadu</option>

                        </select>

                        <br>

                        <label for = "country">Country</label>

                        <select name = "country" id = "country">

                        <option value = "-1">-Select-</option>

                        <option value = "India">India</option>

                        <option value = "Dub">Dubai</option>

                        <option value = "Sing">Singapore</option>

                        </select>

                        <br>

                        <label for = "email">Email <span>\*</span></label>

                        <input type = "email" name = "email" id = "email">

                        <br>

                        <label for = "phone">Phone Number <span>\*</span></label>

                        <input type = "tel" name = "tele" id = "tele" class = "tele">

                    </div>

                    <div id="right">

                        <p><u>Lunch</u></p>

                        <label for = "meal">Meal Preference</label>

                        <select name = "meal" id = "meal">

                        <option value = "-1">-Select-</option>

                        <option value = "veg">Vegetarian</option>

                        <option value = "nonveg">Non Vegetarian</option>

                        </select>

                        <br>

                        <p><u>Payment Details</u></p>

                        <div id="pay">

                            <label for = "mode">Payment Mode</label>

                            <div class="opt">

                                <input type="checkbox" name = "cash" id = "cash">Cash<br>

                                <input type="checkbox" name = "dd" id = "dd">Demand Draft<br>

                                <input type="checkbox" name = "cheque" id ="cheque">Cheque<br>

                            </div>

                        </div>

                        <label for = "ddcno">DD/Cheque No.</label>

                        <input type="text" name = "ddcno" id = "ddcno">

                        <br>

                        <label for = "bname">Drawn on(Bank name)</label>

                        <input type = "text" name = "bname" id = "bname">

                        <br>

                        <label for = "payat">Payable at</label>

                        <input type="text" name="payat" id = "payat">

                    </div>

                    <div id="las">

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

                        <input type = "reset" value = "Reset">

                    </div>

                </form>

            </div>

    </body>

</html>

**CSS PAGE:**

#container{

    border: 4px solid rgb(1, 203, 129);

    margin: auto;

    position: relative;

    width: 1000px;

    border-radius: 5px;

}

#header{

    background-color: rgb(1, 203, 129);

    padding: 10px;

}

#title{

    float: left;

}

#header:after{

    content: "";

    clear: both;

    display: block;

}

#more{

    float: right;

}

#left,#right{

    width: 450px;

    float: left;

    position: relative;

    height: 550px;

    padding: 10px;

    margin: 30px 0px 30px 0px;

}

label{

    font-weight: bold;

}

span{

    color: red;

}

#left{

    padding: 10px;

}

#right{

    padding: 10px;

}

#las{

    text-align: center;

    padding: 10px;

    background-color: #eee;

    position: absolute;

    bottom: 0;

    width: 98%;

    }

#left,#right{

    float: left;

    margin: 30px 0px 30px 0px;

    width: 47%;

    position: relative;

}

#right{

    margin-top: 70px;

}

#container:after{

    content: "";

    clear: both;

    display: block;

}

input[type = "text"],input[type = "tel"],input[type = "email"],input[type = "checkbox"],select,textarea{

    margin: 10px;

    padding: 5px;

    border-radius: 5px;

    border: 1px solid black;

}

label{

    font-weight: bold;

}

#left label,#right label{

    display: inline-block;

    width: 48%;

}

input[type = "text"],input[type = "tel"],input[type = "email"],select,textarea{

    width: 40%;

}

p{

    margin: 0px 0px 10px 0px;

}

.opt{

    float: right;

    position: relative;

    right: 100px;

}

input[type = "submit"],input[type = "reset"]{

    padding: 5px;

    padding-bottom: 20px;

    background-color: rgb(1, 203, 129);

    border: none;

    color: white;

    font-weight: bolder;

    height: 5px;

    width: 100px;

}

#left{

    margin-bottom: 60px;

}

#pay:after{

    content: "";

    clear: both;

    display: block;

}

#addr{

    position: relative;

    bottom: 90px;

}

**JAVASCRIPT PAGE:**

function validate(){

    firstval = /^[A-Za-z]{8,10}$/;

    if(!document.Workshop.first.value.match(firstval)){

        alert("Please enter the correct first name");

        return false;

    }

    lastval = /^[A-Za-z]{8,10}$/;

    if(!document.Workshop.last.value.match(lastval)){

        alert("Please enter the correct last name");

        return false;

    }

    compval = /^[A-Za-z0-9 ]{10,15}$/;

    if(!document.Workshop.company.value.match(compval)){

        alert("Please enter the correct company name");

        return false;

    }

    addval = /^[A-Za-z0-9\_., ]{5,}$/;

    if(!document.Workshop.address.value.match(addval)){

        alert("Please enter the correct address");

        return false;

    }

    if(document.Workshop.state.selectedIndex == "0"){

        alert("Please choose your state");

        return false;

    }

    if(document.Workshop.country.selectedIndex == "0"){

        alert("Please choose your country");

        return false;

    }

    mailval = /^[a-z0-9.\_-]+@[a-z]+\.[a-z.]{2,5}$/;

    if(!document.Workshop.email.value.match(mailval)){

        alert("Please enter the correct email address");

        return false;

    }

    phoneval = /^[0-9]{10}$/;

    if(!document.Workshop.phone.value.match(phoneval)){

        alert("Please enter the correct phone number");

        return false;

    }

    if(document.Workshop.meal.selectedIndex == "0"){

        alert("Please choose your meal");

        return false;

    }

    if((document.Workshop.cash.checked == false) && (document.workshop.cheque.checked == false) && (document.workshop.dd.checked == false)){

        alert("Please choose the payment mode");

        return false;

    }

    ddval = /^[A-Z]{2}\-[0-9]{6}$/;

    if(!document.Workshop.ddcno.value.match(ddval)){

        alert("Please enter the correct DD/Cheque number");

        return false;

    }

    bankval = /^[A-Za-z]+$/;

    if(!document.Workshop.bname.value.match(bankval)){

        alert("Please enter the correct bank name");

        return false;

    }

    payval = /^[A-Za-z]+$/;

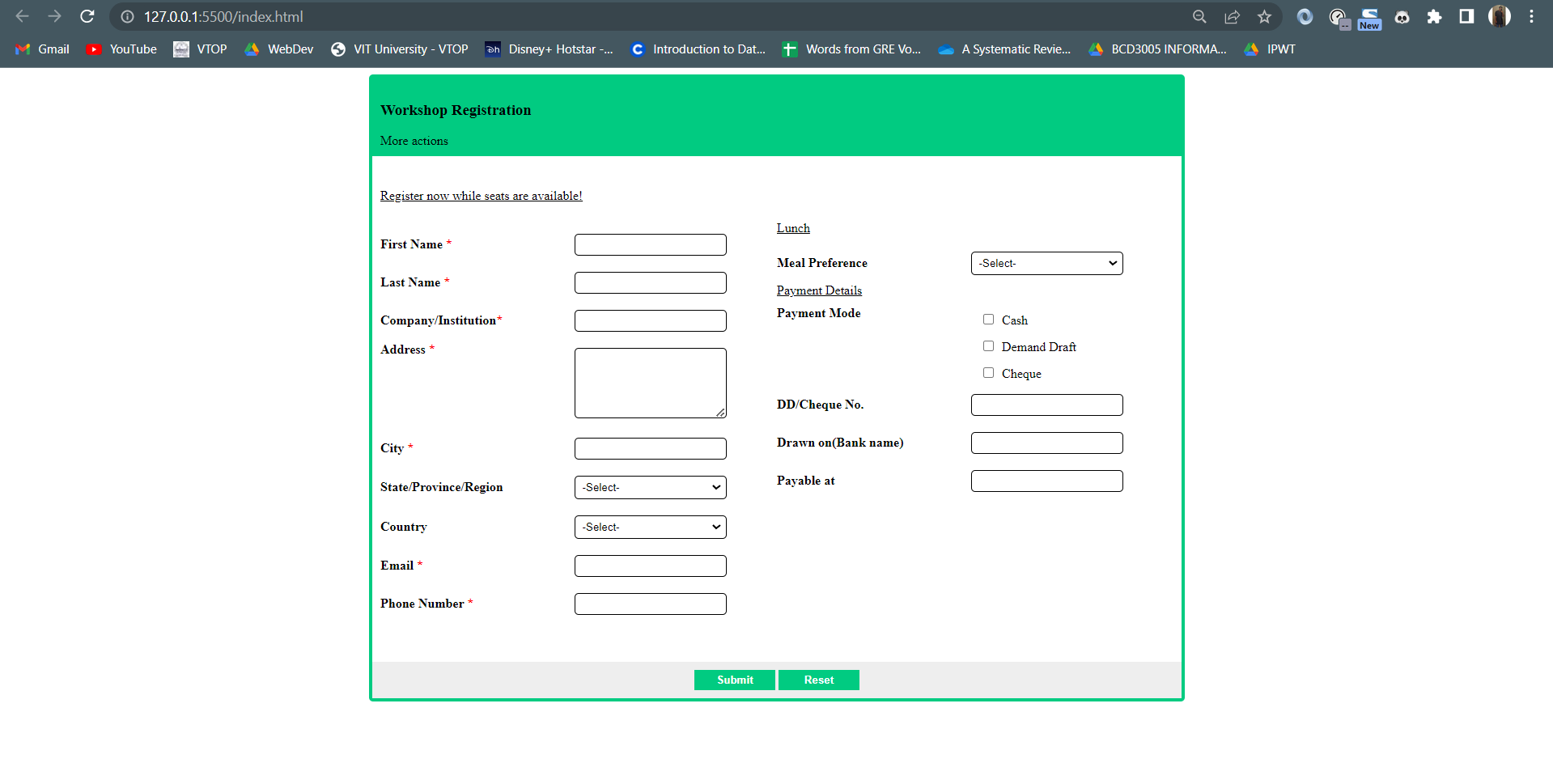
    if(!document.Workshop.pat.value.match(payval)){

        alert("Please enter the payable at field correctly");

       return false;

    }

}



Q2)

CODE:

<!-- Write  HTML code for an online product entry form that includes the following:

• Product ID with 2 input types one with Text(length:3) and other with Code (length:6) Format (ABC -237638)

• Product Name (Maximum string length accepted : 50)

• Quantity (Drop menu maximum only 10)

• Prize ( min 100 and maximum upto 9999)

• Total Value (with no X prize)

• Date of Purchase (Format : DD/MM//YYYY)

• Mobile and E-Mail Validity

\*Perform Empty field validations for all the fields -->

<!DOCTYPE html>

<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">

    <link rel="stylesheet" href="prod.css">

    <script src="formValidate18012023.js"></script>

    <title>Form Validation</title>

</head>

<body>

    <form action="#" name="FormVal" onsubmit="return validate()">

        <fieldset>

            <legend>Subscription</Form></legend>

            <label for="name">Name:</label>

            <input type="text" name = "username">

            <br>

            <label for="email">Email:</label>

            <input type="text" name="email" placeholder="abc@gmail.com">

            <br>

            <label for="password">Password:</label>

            <input type="password" id="password">

            <br>

            <label for="cpassword">Confirm Password:</label>

            <input type="cpassword" id="cpassword">

            <br>

            <label for="phone">Phone No:</label>

            <input type="text" name="phone" placeholder="+91 12345 67890">

            <br>

            <input type="submit" name="sub" id="sub" value="submit">

            <br>

        </fieldset>

    </form>

</body>

</html>

JAVASCRIPT:

function validate(){

    var pass = document.getElementById("password").value;

    var cpass = document.getElementById("cpassword").value;

    var namef = /^[A-Za-z]{1,25}$/;

    if(document.FormVal.username.value == "" || document.FormVal.username.value.match(namef)){

        alert("Enter your name");

        document.FormVal.username.focus();

        return false;

    }

    var mailformat = /^[A-Za-z0-9.!#$%&'\*+/=?^\_`{|}~-]+@[A-Za-z]+\.[a-zA-Z]+$/;

    if(!document.FormVal.email.value.match(mailformat)){

        alert("Enter correct email");

        return false;

    }

    var paasf = /^[A-Z](?=.\*[a-z])(?=.\*\d)(?=.\*[@$\*&])[A-Za-z\d@$\*&]{8,15}$/;

    if(document.FormVal.password.value==""){

        alert("Enter Password");

        return false;

    }

    if(document.FormVal.cpassword.value==""){

        alert("Confirm your Password");

        return false;

    }

    if(pass!=cpass){

        alert("Password doesn't match");

        return false;

    }

    var phoformat = /^(\+[0-9]{2,3}[ ])?[0-9]{5}[ ][0-9]{5}$/;

    if(!document.FormVal.phone.value.match(phoformat)){

        alert("Wrong phone number");

        return false;

    }

}

CSS:

body{

    background-color: rgb(34, 33, 33);

    color: rgb(200, 173, 0);

    /\* border-color: rgb(1, 182, 238); \*/

    text-align: center;

    font-size: larger;

}

input{

    background-color: rgb(34, 33, 33);

    border-color: rgb(1, 182, 238);

    color: rgb(1, 182, 238)

}

#sub{

    color: rgb(200, 173, 0);

}

