**JAVASCRIPT**

**YORK ADMISSION**

<!DOCTYPE html>

<html>

<head>

<!-- Remove the Comments and fill up the relevant code -->

<!-- Write necessary code wherever needed to complete this code challenge -->

<!-- Do specify all the component-ids (incl. div ids) correctly for your code to get evaluated successfully -->

<!-- Most importantly, evaluate your solution without 'syntax errors' in javascript -->

<title>York Admission</title>

<script>

// Do not use let keyword to initialize a javascript variable. Instead use var.

function display()

{

var name = document.getElementById("sname").value;

var dept = document.getElementById("deptname");

var deptname = dept.options[dept.selectedIndex].text;

var yes = document.getElementById("yes").checked;

var firstGraduate = document.getElementById("firstGraduate").checked;

var fs = 0;

if(firstGraduate){

fs = 20000;

}

var af = 30000;

var tf = 0;

var hf = 0;

if(yes){

if(deptname == 'EEE' || deptname == 'CSE' || deptname == 'IT'){

tf = 45000;

hf = 75000;

}else if(deptname == 'ECE' || deptname == 'CIVIL'){

tf = 50000;

hf = 75000;

}else{

tf = 55000;

hf = 75000;

}

}else{

if(deptname == 'EEE' || deptname == 'CSE' || deptname == 'IT'){

tf = 45000;

}else if(deptname == 'ECE' || deptname == 'CIVIL'){

tf = 50000;

}else{

tf = 55000;

}

}

var total = parseInt(af) + parseInt(tf) + parseInt(hf) - parseInt(fs);

var display\_text = "<p>Hi " + name +",<br>" +

"Your Admission Fee is Rs."+ af +"<br>" +

"Tution Fee is Rs."+ tf +"<br>"+

"Hostel Fee is Rs."+ hf +"<br>"+

"Total College Fee is Rs."+ total+"</p>";

document.getElementById("result").innerHTML = display\_text;

return false;

}

</script>

<style>

input[type="number"] {

width:98%;

}

input[type="text"] {

width:98%;

}

input[type="date"] {

width: 98%;

}

input[type="email"] {

width:98%;

}

input[type="tel"] {

width: 98%;

}

select {

width: 98%;

}

body{

background-image: url('YorkAdmission.png');

background-size: 70%;

font-weight: bold;

background-position: center;

background-repeat: no-repeat;

/\* Fill the attributes and values \*/

}

div{

font-size: 20px;

text-align: center;

margin-left: auto;

margin-right: auto;

/\* Fill the attributes and values \*/

}

h3{

color: #ffffff;

background-color: #00ccff;

margin-left: auto;

margin-right: auto;

text-align: center;

width: 50%;

font-family: Verdana;

padding: 5px;

border-radius: 6px;

/\* Fill the attributes and values \*/

}

table, td, tr{

width: 50%;

border-style: solid 1px;

margin-right: auto;

margin-left: auto;

border-spacing: 1px;

border-radius: 6px;

color: #009900;

background-color: #f2f2f2;

padding: 1px;

/\* Fill the attributes and values \*/

}

::-webkit-input-placeholder {

color: #696969;

font-weight: bold;

}

#submit{

color:#ffffff;

background-color: #00CCFF;

margin-left: auto;

margin-right: auto;

padding: 5px;

width:50%;

font-family: Verdana;

font-weight: bold;

border-radius: 6px;

/\* Fill the attributes and values \*/

}

#result{

color: #00cc66;

background-color: #ffffff;

margin-left: auto;

margin-right: auto;

padding: 5px;

width: 50%;

font-size: 20px;

/\* Fill the attributes and values \*/

}

</style>

</head>

<body>

<div>

<h3>York Admission</h3>

<form onsubmit="return display()" >

<table>

<tr>

<td>Student Name</td>

<td><input id="sname" placeholder="Enter the student name" type="text" required="required"></td>

</tr>

<tr>

<td>Phone Number</td>

<td><input id="phno" placeholder="Enter the phone number" type="text" maxlength="10" pattern=[7-9]{1}[0-9]{9} required="required"></td>

</tr>

<tr>

<td>Admission Id</td>

<td><input id="aid" placeholder="Enter the admission id" type="text" required="required"></td>

</tr>

<tr>

<td>Date of Admission</td>

<td><input id="admissiondate" type="date" required="required"></td>

</tr>

<tr>

<td>Department Name</td>

<td>

<select id="deptname" required="required">

<option>Select Department..</option>

<option>EEE</option>

<option>ECE</option>

<option>CSE</option>

<option>MECH</option>

<option>CIVIL</option>

<option>IT</option>

</select>

</td>

</tr>

<tr>

<td>Prefer College Hostel</td>

<td><input type="radio" id="yes" name="preferHostel" required="required">Yes

<input type="radio" id="no" name="preferHostel" required="required">No</td>

</tr>

<tr>

<td>First Graduate</td>

<td><input type="checkbox" id="firstGraduate" name="firstGraduate">Click if you are first graduate</td>

</tr>

</table>

<p><input id="submit" type="submit" value="CONFIRM ADMISSION"></p>

<div id="result"> </div>

</form>

</div>

</body>

</html>

**We-Host Server Resellers - Purchase Entry**

<!DOCTYPE html>

<html>

<head>

<!-- Remove the Comments and fill in relevant code -->

<!-- Write code wherever necessary -->

<!-- Do specify all the component-ids (incl. div ids) correctly for your code to get evaluated successfully -->

<!-- Most importantly, evaluate your solution without 'syntax errors' in javascript -->

<title>We-Host Server Resellers - Purchase Entry</title>

<script type="text/javascript">

// Do not use let keyword to initialize a javascript variable. Instead use var.

function show\_value(x)

{

document.getElementById("demo").innerHTML=x;

}

function display()

{

/\* Fill the Javascript code to display the purchase entry inclusive of tax \*/

var server = document.getElementById("stype").value;

var config = document.getElementById("configuration").value;

var payment = document.getElementById("ptype").value;

var tax = document.getElementById("tax").value;

var cost = document.getElementById("cost").value;

var total = parseFloat(cost) \*(1 + (parseFloat(tax)/100));

total = Math.round(total);

document.getElementById("result1").innerHTML = "Purchase of a "+server+" with "+config+" has been logged ! ";

document.getElementById("result2").innerHTML = "An amount of Rs. "+total+", inclusive of tax has been received by "+payment;

return false;

}

function today()

{

var x = new Date();

document.getElementById("pdate").value = x.getFullYear()+'-'+("0"+(x.getMonth()+1)).slice(-2)+'-'+("0"+x.getDate()).slice(-2);

}

function disableCardDetailsOnCash()

{

if (document.getElementById("ptype").value == "Cash")

{

document.getElementById("cardno").disabled=true;

document.getElementById("edate").disabled=true;

}

else

{

/\* Fill the Javascript code to set disable on cardno and edate fields as false when ptype is Card \*/

document.getElementById("cardno").disabled=false;

document.getElementById("edate").disabled=false;

}

}

</script>

<style>

input[type="text"] {

width: 97%;}

input[type="number"] {

width: 97%;}

input[type="tel"] {

width: 97%;}

body{

background-image: url('WEHOST.jpg');

background-size: 100%;

font-weight: bold;

}

div{

font-size: 20px;

color: #FFFFFF;

text-align: center;

margin-left: auto;

margin-right: auto;

}

h3{

color: #FFFFFF;

background-color: #000080;

margin-left: 25%;

margin-right: auto;

text-align: center;

width: 50%;

font-family: Verdana;

padding: 5px;

border-radius: 6px;

}

table, td, tr{

border : solid 1px;

width: 50%;

margin-left: auto;

margin-right: auto;

border-spacing: 1px;

border-radius: 6px;

color: #000080;

background-color: #FFFFFF;

padding: 1px;

}

::-webkit-input-placeholder {

color: #808080; }

#submit{

color: #FFFFFF;

background-color: #000080;

margin-left: 25%;

margin-right: auto;

padding: 5px;

width: 50%;

font-family: Verdana;

font-weight: bold;

border-radius: 6px;

}

</style>

</head>

<body>

<h3>We-Host Server Resellers - Purchase Entry</h3>

<form onsubmit="return display()" >

<table>

<tr>

<td>Purchase Date</td>

<td><input type="text" name="pdate" id="pdate" required onfocus="today()"/></td>

</tr>

<tr>

<td>Customer Name</td>

<td><input type="text" name="cname" id="cname" placeholder="Enter the customer name" pattern="[ a-zA-Z]+" required/></td>

</tr>

<tr>

<td>Address</td>

<td><textarea name="address" id=address rows="4" cols="50" placeholder="Enter the address" required></textarea></td>

</tr>

<tr>

<td>Phone Number</td>

<td><input type="text" name="phno" id="phno" placeholder="Phone number" pattern="[7-9]{1}[0-9]{9}" required/></td>

</tr>

<tr>

<td>Server Type</td>

<td><select name="stype" id="stype" required>

<option value="Select Server Type..">Select Server Type..</option>

<option value="Dedicated Server">Dedicated Server</option>

<option value="VPS">VPS</option>

<option value="Storage Server">Storage Server</option>

<option value="Database Server">Database Server</option>

</select>

</td>

</tr>

<tr>

<td>CPU(Core)</td>

<td><select name="model" id="model" required>

<option value="Select no of cores..">Select no of cores..</option>

<option value="2 cores">2 cores</option>

<option value="4 cores">4 cores</option>

<option value="6 cores">6 cores</option>

<option value="8 cores">8 cores</option>

</select>

</td>

</tr>

<tr>

<td>Configuration</td>

<td><select name="configuration" id="configuration" required>

<option value="Select configuration..">Select configuration..</option>

<option value="4 GB RAM & 300 GB SSD-boosted Disk Storage">4 GB RAM & 300 GB SSD-boosted Disk Storage</option>

<option value="10 GB RAM & 700 GB SSD-boosted Disk Storage">10 GB RAM & 700 GB SSD-boosted Disk Storage</option>

<option value="20 GB RAM & 1400 GB SSD-boosted Disk Storage">20 GB RAM & 1400 GB SSD-boosted Disk Storage</option>

</select>

</td>

</tr>

<tr>

<td>Prepayment Period (in months)</td>

<td><select name="period" id="period" required>

<option value="Select prepayment period..">Select prepayment period..</option>

<option value="1 month">1 month</option>

<option value="3 months">3 months</option>

<option value="6 months">6 months</option>

<option value="12 months">12 months</option>

</select>

</td>

</tr>

<tr>

<td>Purchase Cost</td>

<td><input type="range" name="cost" id="cost" value="" min="900" max="5000" onchange="show\_value(this.value);" required/>

<span id="demo"></span></td>

</tr>

<tr>

<td>Payment Type</td>

<td><select name="ptype" id="ptype" onchange="disableCardDetailsOnCash()" required>

<option value="Card">Debit card / Credit card</option>

<option value="Cash">Cash</option>

</select>

</td>

</tr>

<tr>

<td>Card No</td>

<td><input type="text" name="cardno" id="cardno" placeholder="Enter the card no" pattern="[0-9]{4} [0-9]{4} [0-9]{4} [0-9]{4}" /></td>

</tr>

<tr>

<td>Expiry Date</td>

<td><input type="date" name="edate" id="edate" placeholder="Enter the expiry date" /></td>

</tr>

<tr>

<td>Tax %</td>

<td><input type="number" name="tax" id="tax" placeholder="“Enter the tax %" required/></td>

</tr>

</table>

<br/><br/>

<input type="submit" name="submit" id="submit" value="CONFIRM PURCHASE" />

<br/><br/>

<div id="result1"> </div>

<div id="result2"> </div>

<br/><br/>

</form>

</body>

</html>

**PIGGY BANK DEPOSIT AUTOMATION**

<!Doctype html>

<html>

<head>

<style type="text/css">

body{

background-color:#F0E68C;

}

#discounttable{

border-style:solid;

float:right;

}

h1{

color:#800080;

font-family:cursive;

text-align:center;

}

header{

float:right;

}

</style>

<script type="text/javascript">

function calculateTotalSavings(){

var amt =document.getElementsByName('amount')[0].value;

var tenur=document.getElementsByName('tenure')[0].value;

var saving\_bank=document.getElementsByName('savingType')[0].value;

var totalSavings;

if(document.getElementById("NormalCitizen").checked && saving\_bank=='FD' && tenur <= 2){

totalSavings=(amt\*tenur\*7)/100+parseInt(amt);

}

else if(document.getElementById("NormalCitizen").checked && saving\_bank=='FD' && tenur > 2 && tenur <= 4){

totalSavings=(amt\*tenur\*7.5)/100+parseInt(amt);

}

else if(document.getElementById("NormalCitizen").checked && saving\_bank=='FD' && tenur > 4 && tenur <= 5){

totalSavings=(amt\*tenur\*8)/100+parseInt(amt);

}

else if(document.getElementById("NormalCitizen").checked && saving\_bank=='RD' && tenur<= 2){

totalSavings=(amt\*tenur\*6.5)/100+parseInt(amt);

}

else if(document.getElementById("NormalCitizen").checked && saving\_bank=='RD' && tenur > 2 && tenur <= 4){

totalSavings=(amt\*tenur\*6)/100+parseInt(amt);

}

else if(document.getElementById("NormalCitizen").checked && saving\_bank=='RD' && tenur > 4 && tenur <= 5){

totalSavings=(amt\*tenur\*5.5)/100+parseInt(amt);

}

else if(document.getElementById("SeniorCitizen").checked && saving\_bank=='FD' && tenur <= 2){

totalSavings=(amt\*tenur\*7.5)/100+parseInt(amt);

}

else if(document.getElementById("SeniorCitizen").checked && saving\_bank=='FD' && tenur > 2 && tenur <= 4){

totalSavings=(amt\*tenur\*8)/100+parseInt(amt);

}

else if(document.getElementById("SeniorCitizen").checked && saving\_bank=='FD' && tenur > 4 && tenur <= 5){

totalSavings=(amt\*tenur\*8.5)/100+parseInt(amt);

}

else if(document.getElementById("SeniorCitizen").checked && saving\_bank=='RD' && tenur<= 2){

totalSavings=(amt\*tenur\*7)/100+parseInt(amt);

}

else if(document.getElementById("SeniorCitizen").checked && saving\_bank=='RD' && tenur > 2 && tenur <= 4){

totalSavings=(amt\*tenur\*6.5)/100+parseInt(amt);

}

else if(document.getElementById("SeniorCitizen").checked && saving\_bank=='RD' && tenur > 4 && tenur <= 5){

totalSavings=(amt\*tenur\*6)/100+parseInt(amt);

}

document.getElementById("result").innerHTML="Total Savings done "+totalSavings;

}

</script>

</head>

<body>

<h1>PIGGY BANK SAVINGS CALCULATOR</h1>

<form onsubmit="return false">

<table>

<tr><td>Customer Name</td>

<td><input type="text" placeholder="Enter the Customer Name" name="customerName" pattern="[a-zA-Z ]+" required > </td>

</tr>

<tr>

<td>Customer Type</td>

<td><input type="radio" id="NormalCitizen" value="Normal Citizen" name="customerType" required>Normal Citizen

<input type="radio" id="SeniorCitizen" value="Senior Citizen" name="customerType" required>Senior Citizen</td>

</tr>

<tr>

<td>Address & ID Proof</td>

<td><input type="checkbox" id="Address & ID Proof" name="addressProof" value="addressProof">

<label for="Address & ID Proof"> Aadhar Card</label>

<input type="checkbox" id="vehicle1" name="addressProof" value="addressProof">

<label for="Address & ID Proof"> Pan Card</label>

<input type="checkbox" id="vehicle1" name="addressProof" value="addressProof">

<label for="Address & ID Proof"> Driving License</label>

<input type="checkbox" id="vehicle1" name="addressProof" value="addressProof">

<label for="Address & ID Proof">Passport</label>

<input type="checkbox" id="vehicle1" name="addressProof" value="addressProof">

<label for="Address & ID Proof">Voter Id</label></td>

</tr>

<tr>

<td>Mobile Number</td>

<td><input type="tel" placeholder="Enter the Mobile Number" name="customerMobileNumber" pattern="[789]{1}[0-9]{9}" required></td>

</tr>

<tr>

<td>Type of Savings</td>

<td> <input type="text" name="savingType" list="savings">

<datalist id="savings">

<option value="FD">

<option value="RD">

</datalist>

</td>

</tr>

<tr><td>Amount</td>

<td><input type="number" placeholder="Enter the Amount" name="amount" min="500" required></td>

</tr>

<tr>

<td>Tenure</td>

<td><input type="number" required min="1" max="5" value="1" name="tenure" id="tenure" >

</td>

</tr>

<tr><td>

<input type="submit" onclick="calculateTotalSavings()" name="submit" value="Calculate Savings">

</td><td><input type="reset" name="reset" value="Reset"></td></tr>

</table>

</form>

<div id="result"></div>

<table id="discounttable" border="1">

<caption>Interest Rate Chart</caption>

<thead>

<tr>

<th>Deposit Type</th>

<th>Tenure</th>

<th>Interst Rate</th>

</tr>

</thead>

<tbody>

<tr>

<td rowspan="3">FD</td>

<td>1 to 2 years</td>

<td>7 &lt;=250</td>

</tr>

<tr>

<td>Above 2 years to 4 years</td>

<td>7.5 &gt;250</td>

</tr>

<tr>

<td>Above 4 years to 5 years</td>

<td>8 &lt;=250</td>

</tr>

<tr>

<td rowspan="3">RD</td>

<td>1 to 2 years</td>

<td>6.5 &gt;250</td>

</tr>

<tr>

<td>Above 2 years to 4 years</td>

<td>6 &gt;250</td>

</tr>

<tr>

<td>Above 4 years to 5 years</td>

<td>5.5 &gt;250</td>

</tr>

</tbody>

</table>

</body>

</html>

**OUTLOOK FAN MARKET**

<!DOCTYPE html>

<html>

<head>

<!-- Remove the Comments and fill up the relevant code -->

<!-- Write necessary code wherever needed to complete this code challenge -->

<!-- Do specify all the component-ids (incl. div ids) correctly for your code to get evaluated successfully -->

<!-- Most importantly, evaluate your solution without 'syntax errors' in javascript -->

<title>Outlook Fan Market</title>

<script type="text/javascript">

// Do not use let keyword to initialize a javascript variable. Instead use var.

function billCalculation() {

var uprice = document.getElementById("usha").value;

var bprice = document.getElementById("bajaj").value;

var oprice = document.getElementById("orient").value;

var hprice = document.getElementById("havells").value;

var cprice = document.getElementById("crompton").value;

var lprice = document.getElementById("luminous").value;

var mprice = document.getElementById("maharaja").value;

var total = uprice\*1999 + 1500\*bprice + 2100 \* oprice + 1785 \* hprice + 1960 \* cprice + 1655 \* lprice + 2249 \* mprice;

if(total>5500){

total -= total \* 0.15;

}

total = Math.round(total);

var text = "Hi, You have to pay Rs."+total+". Thanks for selecting us!!!";

document.getElementById("result").innerHTML = text;

return false;

}

</script>

<style type="text/css">

::placeholder {

color: #6A5ACD;

opacity: 2;

}

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

width: 85%;

color: #808B96;

font-weight: bold;

border-radius: 6px;

border-style: solid;

border-width: 2px;

border-color: #FFA07A;

}

input[type="submit"] {

background-color: #08088A;

}

label span {

color: #F0F8FF;

}

body {

background-color: #2E4053;

}

h1 {

/\* Fill the attributes and values \*/

color: #FFFFFF;

font-family: Verdana;

border-style: 1px solid;

border-radius: 6px;

width: 50%;

margin-left: auto;

margin-right: auto;

background-color: #1A5276;

text-align: center;

}

#result {

/\* Fill the attributes and values \*/

font-weight: bold;

font-family: Bahnschrift;

font-size: 24px;

margin-left: 18em;

margin-right: auto;

color: #B3B6B7;

}

#submit {

/\* Fill the attributes and values \*/

font-weight: bold;

color: #FFEFD5;

font-family: Bahnschrift;

background-color: transparent;

margin-right: auto;

height: 35px;

width: 13em;

margin-left: 35em;

}

#reset {

/\* Fill the attributes and values \*/

font-weight: bold;

color: #FFEFD5;

font-family: Bahnschrift;

background-color: transparent;

margin-right: auto;

height: 35px;

width: 13em;

margin-left: 18em;

}

table {

width: 50%;

margin-right: auto;

margin-left: auto;

border-style: 3px groove;

border-spacing: 5px;

border-radius: 6px;

}

#billing td {

border-width: 1px;

border-style: solid;

border-color: #F4A460;

padding: 5px;

}

.b {

width: 50%;

margin-left: auto;

margin-right: 14em;

}

#brandName td {

margin-left: auto;

margin-right: auto;

width: 50%;

border-width: 1px;

border-style: solid;

border-spacing: 5px;

border-radius: 6px;

}

#submit:hover, #reset:hover {

background-color: #2E8B57;

color: #FFFFFF;

}

</style>

</head>

<body>

<h1> Outlook Fan Market </h1>

<form onsubmit="return billCalculation()" >

<table id="billing">

<tr>

<th id="details" colspan="2"></th>

</tr>

<tr>

<td>

<!-- Fill the label for Name -->

<label for="name"><span><b>Name\*</b></span></label>

</td>

<td>

<input type="text" name="name" id="name" pattern="[a-zA-Z\s]+" value="" placeholder="Enter the name" required />

</td>

</tr>

<tr>

<td>

<!-- Fill the label for Contact No -->

<label for="contactNo"><span><b>Contact No\*</b></span></label>

</td>

<td>

<input type="number" name="contactNo" id="contactNo" pattern="^[7-9]\d{9}$" placeholder="Enter the contact no" value="" required />

</td>

</tr>

<tr>

<td>

<!-- Fill the label for E-mail address -->

<label for="email"><span><b>E-mail address</b></span></label>

</td>

<td>

<input type="email" name="email" id="email" placeholder="Example:abc@gmail.com" value="" required />

</td>

</tr>

<tr>

<td>

<!-- Fill the label for Brand Name -->

<label><span><b>Brand Name</b></span></label>

</td>

<td>

<table id="brandName">

<tr>

<td>

<!-- Fill the label for Usha -->

<label for="usha"><span><b>Usha</b></span></label>

</td>

<td>

<input type="number" name="usha" id="usha" value="" min="0" required />

</td>

</tr>

<tr>

<td>

<!-- Fill the label for Bajaj -->

<label for="bajaj"><span><b>Bajaj</b></span></label>

</td>

<td>

<input type="number" name="bajaj" id="bajaj" value="" min="0" required />

</td>

</tr>

<tr>

<td>

<!-- Fill the label for Orient -->

<label for="orient"><span><b>Orient</b></span></label>

</td>

<td>

<input type="number" name="orient" id="orient" value="" min="0" required />

</td>

</tr>

<tr>

<td>

<!-- Fill the label for Havells -->

<label for="havells"><span><b>Havells</b></span></label>

</td>

<td>

<!-- Fill the code for Havells -->

<input type="number" name="havells" id="havells" value="" min="0" required />

</td>

</tr>

<tr>

<td>

<!-- Fill the label for Crompton -->

<label for="crompton"><span><b>Crompton</b></span></label>

</td>

<td>

<!-- Fill the code for Crompton -->

<input type="number" name="crompton" id="crompton" value="" min="0" required />

</td>

</tr>

<tr>

<td>

<!-- Fill the label for Luminous -->

<label for="luminous"><span><b>Luminous</b></span></label>

</td>

<td>

<!-- Fill the code for Luminous -->

<input type="number" name="luminous" id="luminous" value="" min="0" required />

</td>

</tr>

<tr>

<td>

<!-- Fill the label for Maharaja -->

<label for="maharaja"><span><b>Maharaja</b></span></label>

</td>

<td>

<!-- Fill the code for Maharaja -->

<input type="number" name="maharaja" id="maharaja" value="" min="0" required />

</td>

</tr>

</table>

</td>

</tr>

<tr>

<td>

<!-- Fill the label for Date of Booking -->

<label for="date"><span><b>Date of Booking\*</b></span></label>

</td>

<td>

<!-- Fill the code for Date of Booking-->

<input type="date" name="date" id="date" value="" required />

</td>

</tr>

<tr>

<td>

<!-- Fill the label for Address -->

<label for="address"><span><b>Address</b></span></label>

</td>

<td>

<!-- Fill the code for Address -->

<textarea name="address" id="address" rows="5" cols="25" placeholder="Enter your address" required></textarea>

</td>

</tr>

</table>

<tr>

<td>

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

</td>

<td>

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

</td>

</tr>

<p class="b">

<div id="result">

</div>

</p>

</form>

</body>

</html>

**KASA IT FINISHING SCHOOL – FEEDBACK AUTOMATION**

<!DOCTYPE html>

<html>

<head>

<style type="text/css">

body{

background-color: #FFAACC;

}

h1

{

color: #770080;

font-family: Courier New;

font-style: italic;

text-align: center;

}

form

{

margin :0 auto;

width:300px;

}

#result

{

color: #770080;

font-weight: bold;

}

</style>

<title>Infotech College</title>

<script>

function calculateFeedbackRating()

{

var r=document.getElementById('cat').value;

var rate;

if(r=="Excellent") rate=5;

else if(r=="Very Good") rate=4;

else if(r=="Good") rate=3;

else if(r=="Average") rate=2;

else if(r=="Below Average") rate=1;

var trainer=document.getElementById('trainerName').value;

document.getElementById('result').innerHTML="Feedback rating of "+trainer+" is "+rate;

return false;

}

</script>

</head>

<body>

<!--Write necessary code wherever needed to complete this knock out code challenge -->

<h1>College Training Feedback Form </h1>

<form onsubmit="return calculateFeedbackRating()" >

<table>

<tr>

<td>Participant Name</td>

<td><input type="text" name="participantName" placeholder="Enter your name" required></td>

</tr>

<tr>

<td>College Name</td>

<td><input type="text" name="collegeName" required></td>

</tr>

<tr>

<td>Participant Address</td>

<td><textarea name="participantAddress" rows="5" cols="20" required></textarea></td>

</tr>

<tr>

<td>Gender</td>

<td>

<input type="radio" name="gender" value="male" required>Male

<input type="radio" name="gender" value="female" required>Female

</td>

</tr>

<tr>

<td>Email ID</td>

<td><input type="email" name="email" required></td>

</tr>

<tr>

<td>Mobile Number</td>

<td><input type="text" name="mobileNumber" pattern="[789][0-9]{9}" required></td>

</tr>

<tr>

<td>Trainer’s Name</td>

<td><input type="text" name="trainerName" id="trainerName" required></td>

</tr>

<tr>

<td>Course Name</td>

<td><input type="text" name="courseName" required></td>

</tr>

<tr>

<td>Course Completion date</td>

<td><input type="date" name="dateofcompletion" required></td>

</tr>

<tr>

<td>Trainer's Feedback</td>

<td><input name="trainerFeedback" id="cat" list="feedback">

<datalist id="feedback">

<option value="Excellent">Excellent</option>

<option value="Very Good">Very Good</option>

<option value="Good">Good</option>

<option value="Average">Average</option>

<option value="Below Average">Below Average</option>

</datalist>

</td>

</tr>

<tr>

<td><input type="submit" name="submit" value="Submit Feedback" onclick="calculateFeedbackRating()"></td>

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

</tr>

<tr>

<td colspan="2">

<div id="result"></div>

</td>

</tr>

</table>

</form>

</body>

</html>

**GOOD HARVEST RICE STORE**

<!DOCTYPE html>

<html>

<head>

<!-- Remove the Comments and fill up the relevant code -->

<!-- Write necessary code wherever needed to complete this code challenge -->

<!-- Do specify all the component-ids (incl. div ids) correctly for your code to get evaluated successfully -->

<!-- Most importantly, evaluate your solution without 'syntax errors' in javascript -->

<title>Good Harvest Rice Store</title>

<script type="text/javascript">

// Do not use let keyword to initialize a javascript variable. Instead use var.

function billCalculation() {

var result=document.getElementById("result");

var a =parseInt(document.getElementById("arborioRice").value);

var bas=parseInt(document.getElementById("basmatiRice").value);

var bl =parseInt(document.getElementById("blackRice").value);

var j =parseInt(document.getElementById("jasmineRice").value);

var br =parseInt(document.getElementById("brownRice").value);

var r =parseInt(document.getElementById("redRice").value);

var c =parseInt(document.getElementById("calroseRice").value);

var d =parseInt(document.getElementById("distance").value);

var amount=(600\*a)+(200\*bas)+(275\*bl)+(260\*j)+(135\*br)+(100\*r)+(300\*c)+(22\*d);

var name=document.getElementById("customerName").value;

result.innerHTML="Hi "+name+", You have to pay Rs."+amount.toFixed(2)+".Thanks for visiting us!!!";

return false;

}

</script>

<style type="text/css">

body{

background-color: #9ACD32;

}

h1 {

color: #FFFFFF;

font-family: Arial;

font-style: italic;

background-color: #FF8C00;

text-align: center;

}

#result {

font-size: 24px;

color: #800000;

display: block;

width: 90%;

font-family: calibri;

position: absolute;

font-weight: bold;

}

#submit, #reset {

font-weight: bold;

font-family: Times New Roman;

background-color: #FFA07A;

width: 13em;

height: 35px;

}

input[type="text"],input[type="tel"] {

width:13em;

}

input[type="number"]{

width:2cm;

}

#billing {

font-family:sans-serif;

width:80%;

border-collapse:collapse;

}

#types, #types td {

border-color: rgba(255, 255, 255, 1);

border-style: solid;

border-width: 1px;

padding: 5px;

background-color: #F4A460;

border-collapse: collapse;

}

td{

padding: 5px;

}

</style>

</head>

<body>

<h1>Good Harvest Rice Store</h1>

<form id="form\_1" onsubmit="return billCalculation()" name="riceForm">

<table id="billing">

<tr>

<td><label for="customer name">Customer Name</label></td>

<td><input type="text" name="customer name" id="customerName" placeholder="Enter your name" required> </td>

</tr>

<tr>

<td><label for="contact number">Contact No</label></td>

<td><input type="tel" name="contact number" id="contactNo" placeholder="Enter your mobile number" required></td>

</tr>

<tr>

<td><label for="Date of order received">Date of order received</label> </td>

<td><input type="date" name="date of order received" id="bookingDate" required></td>

</tr>

<tr>

<td><label for="Rice type and quality">Rice type & quantity</label></td>

<td>

<table id="types">

<tr>

<td><label for="Arborio rice">Arborio rice</label></td>

<td><input type="number" min="0" max="" name="Arborio rice" id="arborioRice" required></td>

<tr>

<td><label for="Basmati rice">Basmati rice</label></td>

<td><input type="number" min="0" max="" name="Basmati rice" id="basmatiRice" required></td>

</tr>

<tr>

<td><label for="Black rice">Black rice</label></td>

<td><input type="number" min="0" max="" name="Black rice" id="blackRice" required></td>

</tr>

<tr>

<td><label for="Jasmine rice">Jasmine rice</label></td>

<td><input type="number" min="0" max="" name="Jasmine rice" id="jasmineRice" required></td>

</tr>

<tr>

<td><label for="Brown rice">Brown rice</label></td>

<td><input type="number" min="0" max="" name="Brown rice" id="brownRice" required></td>

</tr>

<tr>

<td><label for="Red rice">Red rice</label></td>

<td><input type="number" min="0" max="" name="Red rice" id="redRice" required></td>

</tr>

<tr>

<td><label for="Calrose rice">Calrose rice</label></td>

<td><input type="number" min="0" max="" name="Calrose rice" id="calroseRice" required></td>

</tr>

</table>

</td>

</tr>

<tr>

<td><label for="Address">Address</label> </td>

<td><textarea id="address" name="Address" rows="5" cols="25" placeholder="Enter your Address" required></textarea> </td>

</tr>

<tr>

<td><label for="Distance">Distance(in km)</label></td>

<td><input type="number" min="0" max="" name="Distance" id="distance" required></td>

</tr>

<tr>

<td><label for="Expected date of delivery">Expected date of delivery</label> </td>

<td><input type="date" name="Expected date of delivery" id="deliveryDate" required> </td>

</tr>

<tr>

<td><input type="submit" name="submit" id="submit" value="Submit"></td>

<td>

<input type="reset" name="Clear" id="reset" value="Clear">

</td>

</tr>

<tr>

<td colspan="2">

<div id="result"></div>

</td>

</tr>

</table>

</form>

</body>

</html>

**E-BOOK PORTAL**

<html>

<style>

body{

background-color:#E6E6FA;

}

#discounttable{

border-style:solid;

float:right;

}

h1{

color:#800080;

font-family:cursive;

text-align:center;

}

h2{

text-align:center;

}

</style>

<script>

function validate()

{

var bcats=document.getElementsByName("bookCategory");

var bcat;

var price;

var disc;

for(var i=0;i<bcats.length;i++)

{

if(bcats[i].checked)

{

bcat=bcats[i].value;

}

}

var bcount=document.getElementById("bookval").value;

bcount=parseInt(bcount);

if(bcat=="Science")

{

price=400;

if(bcount<=250)

{

disc=5;

}

else{

disc=7;

}

}

else{

price=300;

if(bcount<=250)

{

disc=3;

}

else{

disc=4;

}

}

var tot=bcount\*price-((bcount\*price\*disc)/100);

document.getElementById("result").innerHTML="Total Price is:"+tot;

}

</script>

</head>

<body>

<h1>E-BOOK GRAND SALE</h1>

<form name="form">

<table>

<tr>

<td>Customer Name</td>

<td><input type="text" name="customerName" placeholder="Enter the Customer Name" pattern="[a-zA-Z\s]+" required></td>

</tr>

<tr>

<td>Email ID</td>

<td><input type="email" name="email" required></td>

</tr>

<tr>

<td>Mobile Number</td>

<td><input type="tel" name="customerMobileNumber" placeholder="Enter the Mobile Number" pattern="[89][0-9]{9}" required></td>

</tr>

<tr>

<td>Book Category</td>

<td>

<input type="radio" name="bookCategory" value="Science" required>Science

<input type="radio" name="bookCategory" value="Comics" required>Comics

</td>

</tr>

<tr>

<td>Type</td>

<td>

<input list="bookTypes" name="bookType" required auto-complete >

<datalist id="bookTypes" >

<option value="Weekly">Weekly</option>

<option value="Monthly">Monthly</option>

<option value="Fortnightly">Fortnightly</option>

</datalist>

</td>

</tr>

<tr>

<td>No of Books Required</td>

<td><input type="range" name="bookCount" id="bookval" min="1" max="500" value="1" oninput="markOutputId.value=bookval.value" required>

<output name="markOutputName" id="markOutputId"></output></td>

</tr>

<tr>

<td><input type="button" name="submit" value="Calculate Total Price" onclick="validate()"></td>

<td><input type="reset" name="reset" ></td>

</tr>

</table>

</form>

<div id="result"></div>

<table id="discounttable" border="1px">

<caption>Discount Rate Chart</caption>

<tr>

<th>Book Type</th>

<th>Per Book Cost</th>

<th>Discount Rate(in percentage)</th>

</tr>

<tr>

<td>Science</td>

<td>400</td>

<td>5% if total book count &lt;=250</td>

</tr>

<tr>

<td>Science</td>

<td>400</td>

<td>7% if total book count &gt; 250</td>

</tr>

<tr>

<td>Comics</td>

<td>300</td>

<td>3% if total book count &lt;= 250</td>

</tr>

<tr>

<td>Comics</td>

<td>300</td>

<td>4% if total book count &gt; 250</td>

</tr>

</table>

</body>

</html>

**DREAM THEME PARK TICKET BOOK AUTOMATION**

<!DOCTYPE html>

<html>

<head>

<style type="text/css">

body{

background-color: #FFAACC;

}

h1

{

color:#770080;

font-family:courier new;

font-style:italic;

text-align:center;

}

form

{

margin :0 auto;

width:300px;

}

#result

{

color:#770080;

font-weight:bold;

}

</style>

<title>DREAM Theme Park</title>

<script>

function calculateCharges()

{

var customerName=document.getElementById("customerName").value;

var bookingType=document.getElementById("bookingType").value;

var adult=document.getElementById("adults").value;

var children=document.getElementById("children").value;

var ticketCost=0;

var discount=0;

var result = 0;

ticketCost=adult\*1500 + children\*1200;

if(bookingType == "School"){

discount = ticketCost\*0.5;

result = ticketCost-discount;

}

else if(bookingType == "Corporate"){

discount = ticketCost\*0.25;

result = ticketCost-discount;

}

else if(bookingType=="Normal"){

result = ticketCost;

}

//alert(bookingType);

document.getElementById("result").innerHTML = "Thank you "+customerName+". Total cost to be paid is "+result;

return false;

}

</script>

</head>

<body >

<h1>Book Your Tickets</h1>

<form onsubmit="return calculateCharges()" >

<table>

<tr>

<td>Customer Name</td>

<td><input type="text" name="customerName" id="customerName" required/> </td>

</tr>

<tr>

<td>Address</td>

<td><textarea rows="5" cols="20" name="address" id="address" required></textarea></td>

</tr>

<tr>

<td>Email ID</td>

<td><input type="email" name="customerEmail" id="customerEmail" required/> </td>

</tr>

<tr>

<td>Mobile Number</td>

<td><input type="tel" name="customerMobileNumber" id="customerMobileNumber" required/> </td>

</tr>

<tr>

<td>Park Location</td>

<td><input type="radio" name="location" id="locationDelhi" value="Delhi" required>Delhi

<input type="radio" name="location" id="locationMumbai" value="Mumbai" required>Mumbai

</td>

</tr>

<tr>

<td>Date of Visit</td>

<td><input type="date" name="dateOfVisit" id="dateOfVisit" required/> </td>

</tr>

<tr>

<td>Booking Type</td>

<td><input name="bookingType" id="bookingType" list="bookType" required>

<datalist id="bookType">

<option value="Normal">

<option value="School">

<option value="Corporate">

</datalist>

</td>

</tr>

<tr>

<td>Adult</td>

<td><input type="number" name="adults" id="adults" min="0" max="500" required/> </td>

</tr>

<tr>

<td>Children</td>

<td><input type="number" name="children" id="children" required/> </td>

</tr>

<tr>

<td><input type="submit" value="Book Now" name="submit"> </td>

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

</tr>

<tr>

<td colspan="2">

<div id="result"></div>

</td>

</tr>

</table>

</form>

</body>

</html>

**DISCOUNT PRICE AUTOMATION**

<html>

<head>

<title>

discount price

</title>

<script>

function CalculateDiscount(){

var discount,discountPrice;

var price = Number(document.getElementById("price").value);

var season = document.getElementById("season").value;

switch(season){

case "summer" : discount = 10;

break;

case "newyear" : discount = 5;

break;

case "clearance" : discount = 15;

break;

}

document.getElementById("discount").innerHTML = "The discount is "+discount+"%";

discountPrice = (price - (discount\*price/100));

document.getElementById("result").innerHTML = "The discounted price : Rs "+discountPrice;

return false;

}

</script>

<style>

body{

background-color: #99FFFF;

}

h1{

font-style: italic;

text-align: center;

color: #b03060;

}

table{

margin-left: 35%;

border-style: 5px solid;

border-width: 30%;

border-collapse: collapse;

}

td{

border-style: solid;

padding: 10px;

}

div{

text-align: center;

font-weight: bold;

}

#discount{

font-size: 25px;

}

#result{

font-style: italic;

color: #FF0000;

font-size: 40px;

}

</style>

</head>

<body>

<h1>Discount Price</h1>

<form onsubmit="return CalculateDiscount()">

<table>

<tr>

<td><label for="name">Product Name</label></td>

<td><input type="text" id="name" name="name" required pattern="[a-zA-Z][a-zA-Z\s]+"/></td>

</tr>

<tr>

<td><label for="price">Product Price</label></td>

<td><input type="number" id="price" name="price" min="15001" required/></td>

</tr>

<tr>

<td><label for="season">Season</label></td>

<td><select id="season" name="season" required>

<option value="summer">SUMMER SALE</option>

<option value="newyear">NEW YEAR SALE</option>

<option value="clearance">CLEARANCE SALE</option>

</select></td>

</tr>

</table>

<input type="submit" id="submit" name="submit" value="GET DISCOUNT PRICE"/>

</form>

<div id="discount"></div>

<div id="result"></div>

</body>

</html>

**DAC BANK LOAN AUTOMATION**

<html>

<head>

<style>

body {

background-color: #FFAACC;

}

h1 {

color: #770080;

font-family: cursive;

text-align: center;

}

#result{

font-weight: bold;

color: #770080;

}

</style>

<script>

function display(){

var name=document.getElementsByName("customerName")[0].value;

var amount=document.getElementsByName("loanamount")[0].value;

document.getElementById("result").innerHTML="Thank You"+name+".Your Loan Amount is"+amount;

}

</script>

</head>

<body>

<h1>DAC BANK - AVAIL LOAN</h1>

<form>

<center>

<table>

<tr>

<td>Customer Name</td>

<td>

<input type="text" name="customerName" id="nam" pattern="[A-Z a-z]+" required>

</td>

</tr>

<tr>

<td>Address</td>

<td>

<textarea rows="5" cols="20" name="customerAddress" id="addr"></textarea>

</td>

</tr>

<tr>

<td>Gender</td>

<td>

<input type="radio" name="gender " value="male">Male

<input type="radio" name="gender" value="female">Female

</td>

</tr>

<tr>

<td>Email Id</td>

<td>

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

</td>

</tr>

<tr>

<td>Mobile Number</td>

<td>

<input type="text" name="customerMobileNumber" id="mob" pattern="[7-9]{1}[0-9]{9}" maxlength="10">

</td>

</tr>

<tr>

<td>Date Of Birth</td>

<td>

<input type="date" name="dob" id="dob">

</td>

</tr>

<tr>

<td>Loan Type</td>

<td>

<input list="loan" name="loanType" autocomplete="on">

<datalist id="loan">

<option value="Vehicle">Vehicle</option>

<option value="Home">Home</option>

<option value="Education">Education</option>

</datalist>

</td>

</tr>

<tr>

<td>Loan Amount</td>

<td>

<input type="text" name="loanamount" id="loanamount" placeholder="Enter the amount" required>

</td>

</tr>

<tr>

<td>Tenure</td>

<td>

<input type="number" name="loanTenure" id="loan" min="1" max="5">

</td>

</tr>

<tr>

<td>

<input type="button" name="submit" value="Avail Loan" onclick="display()">

</td>

<td>

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

</td>

</tr>

</table>

</center>

</form>

<div id="result"></div>

</body>

</html>

**BROADBAND PAYMENT PORTAL**

<html>

<head>

<style>

h1{

color:#660066;

text-align: center;

font-family:verdana;

}

body

{

background-color: #ff9999;

}

</style>

</head>

<body>

<h1>Broadband Payment Portal</h1>

<form onsubmit="return costCalculation();">

<table>

<tr>

<td><label>Customer Name</label></td>

<td><input type="text" name="customerName" id="customerName" placeholder="Customer Name" required></td>

</tr>

<tr>

<td>

<label>Subscription Number</label></td>

<td><input type="number" name="subscription" id="subscription" placeholder="Subscription Number" required></td>

</tr>

<tr>

<td><label>Email ID</label></td>

<td><input type="email" name="email" id="email" placeholder="sample@sample.com" required></td>

</tr>

<tr>

<td> <label>Type of Broadband</label></td>

<td><select name="bandType" id="bandType">

<option value="Normal">Normal</option>

<option value="ADSL">ADSL</option>

<option value="DSL">DSL</option>

</select>

</td>

</tr>

<tr>

<td> <label>Plan Name</label></td>

<td>

<input type="radio" id="type1" name="plan" value="Sprint 200 GB" required>

<label for="type1">Sprint 200 GB</label>

<input type="radio" id="type2" name="plan" value="Bolt 200 GB" required>

<label for="type2">Bolt 200 GB</label>

<input type="radio" id="type3" name="plan" value="Rush 500 GB" required>

<label for="type3">Rush 500 GB</label>

<input type="radio" id="type4" name="plan" value="Speed 500 GB" required>

<label for="type4">Speed 500 GB</label>

</td>

</tr>

<tr>

<td><label>Payment for</label></td>

<td><input type="number" name="payment" id="payment" min="3" max="12" required></td>

</tr>

<tr>

<td><button type="submit" name="submit" id="submit" value="submit" >Calculate Bill Amount</button></td>

<td><input type="reset" id="clear" name="clear" value="Reset" ></td>

</tr>

<tr>

<td colspan="2"><div type="number" name="result" id="result"></div></td>

</tr>

</table>

</form>

<script>

function costCalculation()

{

var payment=document.getElementById("payment").value;

var MR=document.getElementById("bandType").value;

var CTC=0;

var montrent=0;

var total=0;

if(MR=="Normal")

{

montrent=150;

}

if(MR=="ADSL")

{

montrent=200;

}

if(MR=="DSL")

{

montrent=300;

}

if(document.getElementById("type1").checked)

{

CTC=349;

}

if(document.getElementById("type2").checked)

{

CTC=499;

}

if(document.getElementById("type3").checked)

{

CTC=949;

}

if(document.getElementById("type4").checked)

{

CTC=1299;

}

total=( montrent \* payment)+CTC;

document.getElementById("result").innerHTML="The bill amount is Rs "+total;

return false;

}

</script>

</body>

</html>

**AC MAINTAINANCE SERVICE**

<!DOCTYPE html>

<html>

<head>

<!-- Remove the Comments and fill up the relevant code -->

<!-- Write necessary code wherever needed to complete this code challenge -->

<!-- Do specify all the component-ids (incl. div ids) correctly for your code to get evaluated successfully -->

<!-- Most importantly, evaluate your solution without 'syntax errors' in javascript -->

<title>AC Maintenance Service</title>

<script type="text/javascript">

// Do not use let keyword to initialize a javascript variable. Instead use var.

function bookAppointment() {

/\* Fill the Javascript code calculating the service charge and display the required appiontment details \*/

var customerName=document.getElementById("customerName").value;

var acType=document.getElementById("acType").value;

var serviceType=document.getElementById("serviceType").value;

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

var serviceCharge=0;

if(serviceType=="Cleaning")

serviceCharge=500;

if(serviceType=="Repair")

serviceCharge=1000;

if(serviceType=="Gas Refill")

serviceCharge=1500;

if(document.getElementById("yearlyMaintenance").checked)

{

serviceCharge+=1000;

document.getElementById("result").innerHTML="Hello "+customerName+", your service appointment for "+acType+" AC "+serviceType+" with yearly maintenance will be send to your email ID "+email+" and the estimated service charge will be Rs "+serviceCharge;

}

else

{

document.getElementById("result").innerHTML="Hello "+customerName+", your service appointment for "+acType+" AC "+serviceType+" without yearly maintenance will be send to your email ID "+email+" and the estimated service charge will be Rs "+serviceCharge;;

}

return false;

}

</script>

<style type="text/css">

body {

/\* Fill attributes and values \*/

background-color: #0ca2b9;

width: 80%;

margin-left: 10%;

}

h1 {

/\* Fill attributes and values \*/

color: #FFFFFF;

font-family: Calibri;

font-style: italic;

background-color: #900043;

text-align: center;

}

#result {

/\* Fill attributes and values \*/

font-weight: bold;

font-family: Arial;

font-size: 24px;

color: #782e07;

}

#submit, #reset {

/\* Fill attributes and values \*/

font-weight: bold;

font-family: Candara;

background-color: #556b2f;

width: 10em;

height: 35px;

border-radius: 10px;

}

input {

width:13.6em;

}

#appointment {

font-family:sans-serif;

width:80%;

border-collapse:collapse;

text-align:left;

}

#acType, textarea{

width:13.6em;

}

select {

width:14em;

}

td{

padding:3px;

}

#male, #female, #yearlyMaintenance {

width:10pt;

}

</style>

</head>

<body>

<h1> <!-- Fill the heading text -->AC Maintenance Service</h1>

<form onsubmit="return bookAppointment()" >

<table id="appointment">

<tr>

<td> <!-- Fill the label for Customer Name --><label>Customer Name</label> </td>

<td> <!-- Fill the code for Customer Name --><input type="text" id="customerName" placeholder="Enter your name" required> </td>

</tr>

<tr>

<td> <!-- Fill the label for Gender --><label>Gender</label> </td>

<td> <!-- Fill the code for Gender -->

<input type="radio" id="male" name="gender" value="Male" >Male

<input type="radio" id="female" name="gender" value="Female" >Female </td>

</tr>

<tr>

<td> <!-- Fill the label for Mobile Number --><label>Mobile Number</label> </td>

<td> <!-- Fill the code for Mobile Number --><input type="tel" id="mobileNumber" placeholder="Enter your mobile number" required> </td>

</tr>

<tr>

<td> <!-- Fill the label for Email ID --> <label>Email ID</label></td>

<td> <!-- Fill the code for Email ID --><input type="email" id="email" placeholder="Enter your email Id" required ></td>

</tr>

<tr>

<td> <!-- Fill the label for Address --><label>Address</label> </td>

<td> <!-- Fill the code for Address --><textarea id="address" rows="5" cols="25" required placeholder="Enter your address"></textarea></td>

</tr>

<tr>

<td> <!-- Fill the label for AC Type --><label>AC Type</label></td>

<td> <!-- Fill the code for AC Type --><input list="acTypes" id="acType" autocomplete required>

<datalist id="acTypes">

<option value="Split">

<option value="Window">

<option value="Centralized">

<option value="Portable">

</datalist> </td>

</tr>

<tr>

<td> <!-- Fill the label for Service Type --> <label>Service Type</label></td>

<td> <!-- Fill the code for Service Type --><select id="serviceType" name="serviceType">

<option value="Cleaning">Cleaning</option>

<option value="Repair">Repair</option>

<option value="Gas Refill">Gas Refill</option>

</select> </td>

</tr>

<tr>

<td> <!-- Fill the label for Date for Appointment --><label>Date for Appointment</label> </td>

<td> <!-- Fill the code for Date for Appointment --><input type="date" id="dateForAppointment" required> </td>

</tr>

<tr>

<td> <!-- Fill the label for Yearly Maintenance --><label>Yearly Maintenance</label> </td>

<td> <!-- Fill the code for Yearly Maintenance --><input type="checkbox" id="yearlyMaintenance" value="Select if required">Select if required </td>

</tr>

<tr>

<td> <!-- Fill the label for duration in months from the previous service. --><label>Duration in months from the previous service</label> </td>

<td> <!-- Fill the code for duration in months from the previous service. --><input type="range" id="duration" min="0" max="6"> </td>

</tr>

<tr>

<td> <!-- empty cell --></td>

<td>

<!--Fill the code for submit button--> <input type="submit" id="submit" value="Submit">

<!--Fill the code for reset button--> <input type="reset" value="Clear" id="reset">

</td>

</tr>

<tr>

<td colspan="2">

<!--Fill the code below for div tag-->

<div id="result"></div>

</td>

</tr>

</table>

</form>

</body>

</html>

**MAHIMA CASHEW STORE**

<!DOCTYPE html >

<html>

<head>

<script>

function billCalculation ()

{

var name =document.getElementById("customerName").value;

var wholecashews=document.getElementById("wholecashews").value;

var halfcashews=document.getElementById("halfcashews").value;

var brokencashews=document.getElementById("brokencashews").value;

var distance=document.getElementById("distance").value;

var amount =(1100 \* wholecashews)+(800 \*halfcashews)+(650 \*brokencashews)+(distance \*22);

document.getElementById("result"). innerHTML = " Hi "+name+" ,you have to pay "+amount.toFixed(2)+" thank for visting us!!!" ;

return false;

}

</script>

<style>

body{

color:#00FF7F;

}

h1{

color :#FFFFFF;

font:Arial;

font-style :italic;

background-color: #D2691E;

text-align: center;

}

#a{

font-weight: "bold";

font: Arial;

background-color: #D2691E;

width:13em;

height:35px;

}

#result

{

font-weight: bold;

font:Arial;

font-size:24px;

color:#800000;

}

</style>

</head>

<body>

<form onsubmit=" return billCalculation ()">

<h1>Mahima Cashew Store</h1>

<table>

<tr>

<td>

customer name <input type ="text" id ="customerName" name ="customerName" placeholder="Enter Your Name" required="required">

</td>

</tr>

<tr>

<td>

Contact No <input type ="tel" id ="contactno" name ="contactno" pattern="[7-9]{1}[0-9]{9}" placeholder="Enter Your mobile no" required="required">

</td>

</tr>

<tr>

<td>

Date of order received <input type ="date" id ="bookingdate" name ="bookingdate" required="required">

</td>

</tr>

<tr>

<td>

whole cashew (in Kg) <input type ="number" id ="wholecashews" name ="wholecashews" min="0" required="required">

</td>

</tr>

<tr>

<td>

Half cashew (in Kg) <input type ="number" id ="halfcashews" name ="halfcashews" min="0" required="required">

</td>

</tr>

<tr>

<td>

Broken cashew (in Kg) <input type ="number" id ="brokencashews" name ="brokencashews" min="0" required="required">

</td>

</tr>

<tr>

<td>

Address <textarea type="text" id="address" name ="address" rows="5" cols ="25" placeholder="Enter your address" required="required"></textarea>

</td>

</tr>

<tr>

<td>

Distance (in km) <input type ="number" id ="distance" name ="distance" min="0" required="required">

</td>

</tr>

<tr>

<td>

Expected date of delivery <input type="date" id="deliverydate" name="deliverydate" required="required">

</td>

</tr>

<tr id ="a">

<td >

<input type="button" id="submit" onclick=" billCalculation ()" value ="submit">

</td>

<td>

<input type ="reset" id="reset" name="reset" value ="clear">

</td>

</tr>

</table>

</form>

<div id="result">

</div>

</body>

</html>

**REFRIGATOR REPAIR SERVICE**

<!document HTML>

<HTML>

<head>

<style type="text/css">

//apply appropriate style

</style>

<script>

function bookAppointment(){

var charge;

var name=document.getElementById("customerName").value;

var brand=document.getElementById("brandName").value;

var type=document.getElementById("refrigeratorType").value;

var mail=document.getElementById("email").value;

if(type=="Single Door"){

charge=2500;

}

else if(type=="Double Door"){

charge=5500;

}

else{

charge=8500;

}

if(document.getElementById("yearlyMaintenance").checked==true){

var s=charge+1000;

document.getElementById("result").innerHTML= "Hello "+ name+ ", the service appointment copy for "+ brand +" "+ type+" refrigerator with yearly maintenance will be sent to your email ID "+ mail+ " and the estimated service charge will be Rs "+ s;

}

else{

document.getElementById("result").innerHTML= "Hello"+ name+", the service appointment copy for"+ brand+ type+" refrigerator without yearly maintenance will be sent to your email ID "+ mail+ "and the estimated service charge will be Rs"+ charge;

}

}

</script>

</head>

<body>

<h1>REFRIGERATOR REPAIR SERVICE</h1>

<form onsubmit="return bookAppointment()">

<label>Customer Name </label><input type="text" id="customerName" placeholder="Enter your name" required><br>

<label>Gender </label><input type="radio" name="male" id="male">Male</label>

<input type="radio" name="female" id="female">Female<br>

<label>Mobile Number </label><input type="text" id="mobilenumber" placeholder="Enter your mobile number" pattern="[6-10]{3}-[0-9]{3}-[0-9]{4}" required><br>

<label>Email Id </label><input type="email" id="email" placeholder="Enter your email Id" required><br>

<label>Address </label><textarea rows="5" cols="25" id="address" placeholder="Enter your address" required></textarea><br>

<label>Brand Name </label><input list="brandNames" id="brandName" autocomplete="on" required>

<DataList id="brandNames">

<option value="LG">

<option value="Samsung">

<option value="Whirlpool">

<option value="Bosch">

<option value="Godrej">

<option value="Seimens"></option>

</datalist></select><br>

<label>Refrigerator Type</label><select id="refrigeratorType">

<option value="Single Door" >Single Door</option>

<option value="Double Door">Double Door</option>

<option value="Triple Door">Triple Door</option></select><br>

<label>Date for Appointment</label><input type="date" id="dateForAppointment" required><br>

<label>Yearly Maintenance </label><input type="checkbox" id="yearlyMaintenance"><br>

<label>Duration in months from the previous service</label><input type="range" min="0" max="6" step="1"><br>

<input type="button" id="submit" value="submit" onclick="bookAppointment()"></button>

<button type="reset" id="reset" value="clear">reset</button><br>

</form>

<div id="result">

</div>

</body>

</HTML>

**AIRFINE AND AIRLINES**

<!DOCTYPE html>

<html>

    <body>

        <form onsubmit="return display()">

            <h3>AirFine AirLines</h3>

            <table>

                <tr><td>Passenger Name</td><td><input type="text" id="pname" name="Passenger Name" placeholder="Enter the passenger name" required=""></td></tr>

                <tr><td>Phone Number</td><td><input type="text" id="mobile" name="mobile" pattern="[789]{1}[0-9]{9}" min="7000000000" max="9999999999" maxlength="10" placeholder="Enter the phone number" required=""></td></tr>

                <tr><td>Ticket Id</td><td><input type="number" id="tid" name="Ticket Id" placeholder="Enter the ticket id" required=""></td></tr>

                <tr><td>Date of Trip</td><td><input type="date" id="tripdate" name="Date of Trip" required=""></td></tr>

                <tr><td>Number of Tickets</td><td><input type="number" id="noOfTickets" name="Number of Tickets" placeholder="Enter the number of tickets" required=""></td></tr>

                <td>Date of Cancellation</td><td><input type="date" id="cancellationdate" name="Date of Cancellation" required=""></td></tr>

                <tr><td><label>Seat Type</label></td><td>

                    <select name="Seat Type" id="stype" required="">

                        <option id="seat" value="seat">Seat Type..</option>

                        <option id="eco" value="eco">Economy Class Seats</option>

                        <option id="prem" value="prem">Premium Class Seats</option>

                        <option id="bus" value="bus">Business Class Seats</option>

                        <option id="first" value="first">First Class Seats</option>

                        </select>

                        </td></tr>

                <tr><td><label>Amount Paid</label></td><td><input type="number" id="amountPaid" name="Amount Paid" placeholder="Enter the amount paid" required=""></td></tr>

            </table>

            </br>

            <input type="submit" id="submit" value="CONFIRM CANCELLATION">

            </br></br>

            <div id="result" name="result"></div>

        </form>

        <style>

            body

            {

                background-image: image;

                background-size: 60%;

                font-weight: bold;

                background-position: center;

                background-repeat: no-repeat;

                background-color: blue;

            }

            h3

            {

                color: #FFFFFF;

                background-color: #FFCC66;

                margin-left: auto;

                margin-right: auto;

                font-family:verdana;

                padding: 5px;

                border-radius: 6px;

                text-align:center;

                width: 50%;

            }

            table,tr,td

            {

                width : 50%;

                border-style: solid;

                border-color: black;

                margin-left: auto;

                margin-right: auto;

                border-spacing: 1px;

                border-radius: 6px;

                color: #FFFFFF;

                background-color: transparent;

                padding: 1px;

                text-align: center;

            }

            div

            {

                font-size: 20px;

                color: #FFFFFF;

                text-align: center;

                margin-left: auto;

                margin-right: auto;

            }

            #submit

            {

                color: #FFFFFF;

                background-color: #FFCC66;

                margin-left: 25%;

                margin-right: auto;

                padding: 5px;

                width: 50%;

                font-family: verdana;

                font-weight: bold;

                border-radius: 6px;

            }

            #result

            {

                color: #00CC66;

                background-color: #FFFFFF;

                margin-left: auto;

                margin-right: auto;

                padding: 5px;

                width: 50%;

                font-size: 20px;

            }

</style>

        <script>

            function display()

            {

              var conFee,cp,convFee,canChr,refAmt;

        var not = document.getElementById("noOfTickets").value;

        var sType = document.getElementById("stype");

        var st = sType.options[sType.selectedIndex].value;

        var amtPaid = document.getElementById("amountPaid").value;

        var pName = document.getElementById("pname").value;

        if(st =="eco")

        {

            conFee = 200;

            cp = 0.2;

        }else if(st == "prem"){

            conFee = 400;

            cp=0.3;

        }else if(st == "bus"){

            conFee = 500;

            cp=0.3;

        }

        else

        {

            conFee = 600;

            cp=0.4;

        }

        convFee = not\*conFee;

        canChr = amtPaid\*cp;

        refAmt = amtPaid -convFee-canChr;

        document.getElementById('result').innerHTML = "Hi "+pName+", your ticket has been successfully cancelled and the refund amount is Rs."+refAmt;

        return false;

            }

        </script>

    </body>

</html>

**VISION OPTICALS**

<!DOCTYPE html>

<html>

<head>

<title>Vision Opticals</title>

<style>

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

width:98%;

}

body{

background-image: url("VISION.png");

background-size: 70%;

font-weight: bold;

}

div{

font-size:20px;

color:#FFFFFF;

text-align: center;

margin-left: auto;

margin-right: auto;

}

h3{

font-family: Verdana;

color: #FFFFFF;

background-color: #696969;

margin-left: auto;

margin-right: auto;

text-align: center;

width: 50%;

padding: 5px;

border-radius: 6px;

}

table, td, tr{

border: solid 1px;

width: 50%;

margin-left: auto;

margin-right: auto;

padding: 1px;

border-spacing: 1px;

border-radius: 6px;

color:#696969 ;

background-color: #FFFFFF;

}

::-webkit-input-placeholder {

color: #696969;

font-weight: bold;

}

#submit{

color:#FFFFFF;

background-color:#696969;

font-family: Verdana;

font-weight: bold;

margin-left:auto;

margin-right:auto;

padding: 5px;

width: 50%;

border-radius: 6px;

}

#result1, #result2{

color: #0099FF;

background-color: #FFFFFF;

margin-left:auto;

margin-right:auto;

width:50%;

font-size:20px;

text-align:center;

}

</style>

</head>

<body>

<script type="text/javascript">

function display()

{

var spectype=document.getElementById("stype").value;

var gcat=document.getElementById("category").value;

var tot=0;

var paytype=document.getElementById("ptype").value;

if(paytype=="Debit card / Credit card")

{

paytype="Card";

}

switch(gcat)

{

case "Classic":tot=599+450;

break;

case "Premium":tot=3000+450;

break;

case "Computer Glass":tot=999+450;

break;

}

document.getElementById("result1").innerHTML = "Purchase of a "+spectype+" "+gcat+ " has been logged !";

document.getElementById("result2").innerHTML = "An amount of Rs."+tot+",inclusive of tax has been received by "+paytype;

return false;

}

function disableCardDetailsOnCash()

{

if (document.getElementById("ptype").value == "Cash")

{

document.getElementById("cardno").disabled=true;

document.getElementById("edate").disabled=true;

}

else

{

document.getElementById("cardno").disabled=false;

document.getElementById("edate").disabled=false;

}

}

</script>

<div>

<h3> Vision Opticals </h3>

<form onsubmit="return display();" >

<table>

<tr>

<td>Customer Name</td>

<td><input type="text" id="cname" name="cname" placeholder="Enter the customer name" pattern="[a-zA-Z\s]+" required></td>

</tr>

<tr>

<td>Phone Number</td>

<td><input type="tel" id="phno" name="phno" placeholder="Phone number" pattern="[789]{1}[0-9]{9}" maxlength="10" required></td>

</tr>

<tr>

<td>Email ID</td>

<td><input type="email" id="email" name="email" placeholder="Enter the email id" required></td>

</tr>

<tr>

<td>Spectacle Type</td>

<td><select id="stype" required>

<option value="Select Glass">Select Glass</option>

<option value="Eye Glass">Eye Glass</option>

<option value="Sun Glass">Sun Glass</option>

<option value="Blu 0 Computer Glass">Blu 0 Computer Glass</option>

<option value="Reading Glass">Reading Glass</option>

</select>

</td>

</tr>

<tr>

<td>Frame Brand</td>

<td><select id="brand" required>

<option value="Select Brand">Select Brand</option>

<option value="Vincent Chase">Vincent Chase</option>

<option value="John Jacobs">John Jacobs</option>

<option value="Ray Ban">Ray Ban</option>

<option value="Carrera">Carrera</option>

<option value="Oakley">Oakley</option>

<option value="Vogue">Vogue</option>

</select>

</td>

</tr>

<tr>

<td>Frame Type</td>

<td><select id="ftype" required>

<option value="Select Frame">Select Frame</option>

<option value="Rectangle Frames">Rectangle Frames</option>

<option value="Wayfarer Frames">Wayfarer Frames</option>

<option value="Round Frames">Round Frames</option>

<option value="Aviator Frames">Aviator Frames</option>

<option value="Cat-Eye Frames">Cat-Eye Frames</option>

<option value="Rimless Frames">Rimless Frames</option>

<option value="Half Rim Frames">Half Rim Frames</option>

</select>

</td>

</tr>

<tr>

<td>Frame Color</td>

<td><select id="fcolor" required>

<option value="Select Frame Color">Select Frame Color</option>

<option value="Black">Black</option>

<option value="Brown">Brown</option>

<option value="Grey">Grey</option>

<option value="Blue">Blue</option>

<option value="Green">Green</option>

<option value="Red">Red</option>

</select>

</td>

</tr>

<tr>

<td>Glass Category</td>

<td><select id="category" required>

<option value="Select Glass Category">Select Glass Category</option>

<option value="Classic">Classic</option>

<option value="Premium">Premium</option>

<option value="Computer Glass">Computer Glass</option>

</select>

</td>

</tr>

<tr>

<td>Payment Type</td>

<td><select id="ptype" onchange="disableCardDetailsOnCash()" required>

<option value="Debit card / Credit card">Debit card / Credit card</option>

<option value="Cash">Cash</option>

</select>

</td>

</tr>

<tr>

<td>Card No</td>

<td><input type="text" id="cardno" name="cardno" placeholder="Enter the card no" pattern="[0-9]{4} {0,1}[0-9]{4} {0,1}[0-9]{4} {0,1}[0-9]{4}" maxlength="19" ></td>

</tr>

<tr>

<td>Expiry Date</td>

<td><input type="date" id="edate" name="edate"></td>

</tr>

</table>

<br/>

<p><input type="submit" id="submit" value="CONFIRM ORDER"></p>

<div id="result1"> </div>

<div id="result2"> </div>

</form>

</div>

</body>

</html>

**COLLEGE TRAINING FEEDBACK FORM**

<!DOCTYPE html>

<html>

    <head>

        <style>

            body

            {

                background-color: #FFAACC;

            }

            h1

            {

                color: #770080;

                font-style:italic;

                font-family: Courier New;

                text-align: center;

            }

            #result

            {

                color: #770080;

                font-weight: bold;

            }

        </style>

    </head>

    <body>

        <h1>College Training Feedback Form</h1>

        <form onsubmit="return rating()">

            Participant Name<input type="text" name="participantName" id="pname" placeholder="Enter your name" patter="[a-zA-Z ]+"><br>

            College Name<input type="text" name="collegeName"><br>

            Participant Address<textarea name="participantAddress" rows="5" cols="20"></textarea><br>

            Gender<input type="radio" name="gender" value="male">Male

            <input type="radio" name="gender" value="female">Female<br>

            Email ID<input type="email" name="email"><br>

            Mobile Number<input type="text" name="mobileNumber" pattern="[7-9]{1}[0-9]{9}"><br>

            Trainer's Name<input type="text" name="trainerName" id="tname"><br>

            Course Name<input type="text" name="courseName"><br>

            Course Completion date<input type="date" name="dateofcompletion"><br>

            Trainer's Feedback<input type="text" id="fd" name="trainerFeedback" list="feedback" autocomplete="on">

            <datalist id="feedback" autocomplete="on">

                <option>Excellent</option>

                <option>Very Good</option>

                <option>Good</option>

                <option>Average</option>

                <option>Below Average</option>

            </datalist><br>

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

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

        </form>

        <div id="result"></div>

        <script>

            function rating()

            {

                var feed=document.getElementById("fd").value;

                var participantName=document.getElementById("pname").value;

                var trainerName=document.getElementById("tname").value;

                var feedbackRate;

                if(feed=="Excellent")

                {

                    feedbackRate=5;

                }

                else if(feed=="Very Good")

                {

                    feedbackRate=4;

                }

                else if(feed=="Good")

                {

                    feedbackRate=3;

                }

                else if(feed=="Average")

                {

                    feedbackRate=2;

                }

                else if(feed=="Below Average")

                {

                    feedbackRate=1;

                }

                document.getElementById("result").innerHTML="Feedback rating of "+trainerName+" is "+feedbackRate+" / 5. Given by participant - "+participantName;

                return false;

            }

        </script>

    </body>

</html>

**PALLINDROME**

<!Doctype html>

<html>

    <head>

        <title>Palindrome</title>

        <script>

        function palindrome()

        {

            var enteredstring=document.getElementById("word").value;

            enteredstring=((enteredstring.toLowerCase()).split(" ")).join("");

            var splittedarray=enteredstring.split("");

            var reversestring=splittedarray.reverse().join("");

            if(enteredstring==reversestring)

            {

                alert("The entry is a Palindrome");

            }

            else

            {

                alert("The entry is not a Palindrome");

            }

            return false

        }

         </script>

    </head>

    <body>

        <form name="palform">

            <label for="plain">Enter word/sentence to check for palindrome:</label>

            <input type="text" id="word" name="palin" required><br/>

            <input type="submit" name="palinbtn" value="CheckPalindrome" onclick= "return palindrome ()">

        </form>

    </body>

</html>