**Roll No:** 24itk003 **Name:**  Mevada Divy Rakeshkumar

**Practical No:** 5

**Sub-practical Number and it's definition :**

Design a shopping website that provides information about various products to the visitor. A visitor can register to the shopping website if he wishes to purchase some item(s) now or in future. The registration form should collect necessary information of a visitor in order to deliver the product if order placed. Moreover, design a web page to place orders by the registered user. Validate all the fields of the registration form and order form using JavaScript..

**Code :**

**HTML :**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Simple Shopping Website</title>

    <style>

        .error {

            color: red;

        }

    </style>

    <link rel="stylesheet" href="5shop.css">

</head>

<body>

  <div class="header">

    <a href="">Home</a>

    <a href="">Abous us</a>

    <a href="">Your Cart</a>

    <input type="search" class="search" placeholder="Search Items">

    <button class="btn">Search</button>

  </div>

<h1>Welcome to Our Shopping Website</h1>

<h1>Register To Place Order</h1>

<form class="form" id="registrationForm" onsubmit="alert('Registration successful!'); return false;">

    <label  for="name">Name:</label>

    <input class="form-input" type="text" id="name" required>

    <span  class="error"></span><br><br>

    <label for="email">Email:</label>

    <input class="form-input" type="email" id="email" required>

    <span class="error"></span><br><br>

    <label for="address">Address:</label>

    <input class="form-input" type="text" id="address" required>

    <span class="error"></span><br><br>

    <button class="sub-btn" type="submit">Register</button>

</form>

<div class="main-div">

  <div class="type-div">

    <h2>Smartphones</h2>

    <hr>

  </div>

  <div>

    <table cellspacing="50">

      <tr>

        <td class="td-img">

          <img src="images/iphone.jpg">

          <p>I Phone 15 pro max 256 GB</p>

          <p>Rs. 1,29,999</p>

          <button class="add-btn1" onclick="itemAdd1()" >Add</button>

          <p class="added1"></p>

        </td>

        <td class="td-img">

          <img src="images/s24 ultra.png">

          <p>Samsung s24 ultra 256 GB</p>

          <p>Rs. 1,19,999</p>

          <button class="add-btn2" onclick="itemAdd2()" >Add</button>

          <p class="added2"></p>

        </td>

        <td class="td-img">

          <img src="images/iphone 15.jpeg">

          <p>I Phone 15 256 GB</p>

          <p>Rs. 79,999</p>

          <button class="add-btn3" onclick="itemAdd3()" >Add</button>

          <p class="added3"></p>

        </td>

      </tr>

    </table>

  </div>

  <div class="main-div">

  <div class="type-div">

    <h2>Laptops</h2>

    <hr>

  </div>

  <div>

    <table cellspacing="50">

      <tr>

        <td class="td-img">

          <img src="images/macbook.jpeg">

          <p>macBook Pro 512GB</p>

          <p>Rs. 1,49,999</p>

          <button class="add-btn4" onclick="itemAdd4()" >Add</button>

          <p class="added4"></p>

        </td>

        <td class="td-img">

          <img src="images/asus.jpeg">

          <p>Asus Gaming Laptop</p>

          <p>Rs. 79,999</p>

          <button class="add-btn5" onclick="itemAdd5()" >Add</button>

          <p class="added5"></p>

        </td>

        <td class="td-img">

          <img src="images/hp.avif">

          <p>HP pavilion 14</p>

          <p>Rs. 69,999</p>

          <button class="add-btn6" onclick="itemAdd6()" >Add</button>

          <p class="added6"></p>

        </td>

      </tr>

    </table>

  </div>

<h1>Place Order</h1>

<form id="orderForm" onsubmit="alert('Order placed successfully!'); return false;">

    <label for="product">Product:</label>

    <select>

      <option>Iphone 15 pro max</option>

      <option>Samsung s24 ultra</option>

      <option>Iphone 15</option>

      <option>Macbook pro</option>

      <option>Asus Gaming Laptop</option>

      <option>HP pavilion 14</option>

    </select>

    <span class="error"></span><br><br>

    <label for="quantity">Quantity:</label>

    <input type="number" id="quantity" min="1" required>

    <span class="error"></span><br><br>

    <button class="sub-btn" type="submit">Place Order</button>

</form>

<script src="5shop.js"></script>

</body>

</html>

**CSS :**

body{

  font-family: arial;

}

.header{

  background-color: black;

  color:white;

  height: 50px;

  font-size: 20px;

  padding-top: 15px;

  position: fixed;

  top: 0;

  left: 0;

  right: 0;

}

a{

  text-decoration: none;

  color: white;

  margin-right: 15px;

  margin-left: 10px;

}

.search{

  width:300px;

  height: 32px;

  margin-left: 200px;

}

.btn{

  height: 32px;

  width: 75px;

  font-size: 15px;

  cursor: pointer;

  background-color: green;

  color: white;

  border:none;

  margin-left:10px;

  margin-top: 2px;

}

.btn:hover{

  color: green;

  background-color: white;

  transition: 0.5s;

}

form

{

  background-color: lightpink;

  margin-bottom: 20px;

  padding: 10px;

  border: 1px solid #ccc;

  border-radius: 5px;

  height: 275px;

}

h1{

  margin-top:75px;

  text-align: center;

}

.form-input{

  font-size: 25px;

  margin-bottom: 15px;

}

label{

  font-size: 25px;

}

.sub-btn{

  height: 38px;

  width: 100px;

  font-size: 15px;

  cursor: pointer;

  background-color: green;

  color: white;

  border:none;

  margin-left:10px;

  margin-top: 2px;

}

.sub-btn:hover{

  height:42px;

  width: 150px;

  transition: 0.5s;

}

.title{

  margin-top: 65px;

  padding-top: 18px;

  padding-bottom: 18px;

  text-align: center;

  color:brown;

  font-size: 40px;

  border-width: 1px;

  border-radius: 50px;

}

.type-div{

  color: brown;

  font-size: 35px;

  text-align: center;

}

img{

  height:250px;

  width:250px;

}

table{

  margin-left:225px;

}

.td-img:hover{

  border: 1px blue solid;

}

td{

  align-items: center;

  text-align: center;

}

.add-btn1,.add-btn2,.add-btn3,.add-btn4,.add-btn5,.add-btn6{

  height: 30px;

  width: 75px;

  background-color: brown;

  color: mistyrose;

  border: none;

  border-radius: 50px;

}

.add-btn1:hover{

  opacity: 0.65;

}

.add-btn2:hover{

  opacity: 0.65;

}

.add-btn3:hover{

  opacity: 0.65;

}

.add-btn4:hover{

  opacity: 0.65;

}

.add-btn5:hover{

  opacity: 0.65;

}

.add-btn6:hover{

  opacity: 0.65;

}

.added1,.added2,.added3,.added4,.added5,.added6{

  color:darkolivegreen;

  border: none;

  background-color: pink;

  border-radius: 50px;

  margin-left: 30px;

  margin-right: 30px;

  font-size: 20px;

}

select{

  height: 25px;

  margin-top: 10px;

}

**JAVASCRIPT :**

function itemAdd1()

{

  {

    let textButton = document.querySelector('.add-btn1');

    if(textButton.innerText === 'Add'){

      textButton.innerText = 'Added';

      textButton.classList.add('added-button1');

      document.querySelector(".added1").innerText = `item is Added`

    } else{

      textButton.innerText = 'Add';

      textButton.classList.remove('added-button1');

      document.querySelector(".added1").innerText = ``

    };

  }

}

function itemAdd2()

{

  {

    let textButton = document.querySelector('.add-btn2');

    if(textButton.innerText === 'Add'){

      textButton.innerText = 'Added';

      textButton.classList.add('added-button2');

      document.querySelector(".added2").innerText = `item is Added`

    } else{

      textButton.innerText = 'Add';

      textButton.classList.remove('added-button2');

      document.querySelector(".added2").innerText = ``

    };

  }

}

function itemAdd3()

{

  {

    let textButton = document.querySelector('.add-btn3');

    if(textButton.innerText === 'Add'){

      textButton.innerText = 'Added';

      textButton.classList.add('added-button3');

      document.querySelector(".added3").innerText = `item is Added`

    } else{

      textButton.innerText = 'Add';

      textButton.classList.remove('added-button3');

      document.querySelector(".added3").innerText = ``

    };

  }

}

function itemAdd4()

{

  {

    let textButton = document.querySelector('.add-btn4');

    if(textButton.innerText === 'Add'){

      textButton.innerText = 'Added';

      textButton.classList.add('added-button4');

      document.querySelector(".added4").innerText = `item is Added`

    } else{

      textButton.innerText = 'Add';

      textButton.classList.remove('added-button4');

      document.querySelector(".added4").innerText = ``

    };

  }

}

function itemAdd5()

{

  {

    let textButton = document.querySelector('.add-btn5');

    if(textButton.innerText === 'Add'){

      textButton.innerText = 'Added';

      textButton.classList.add('added-button5');

      document.querySelector(".added5").innerText = `item is Added`

    } else{

      textButton.innerText = 'Add';

      textButton.classList.remove('added-button5');

      document.querySelector(".added5").innerText = ``

    };

  }

}

function itemAdd6()

{

  {

    let textButton = document.querySelector('.add-btn6');

    if(textButton.innerText === 'Add'){

      textButton.innerText = 'Added';

      textButton.classList.add('added-button6');

      document.querySelector(".added6").innerText = `item is Added`

    } else{

      textButton.innerText = 'Add';

      textButton.classList.remove('added-button6');

      document.querySelector(".added6").innerText = ``

    };

  }

}

// Validation for registration form

document.getElementById('registrationForm').onsubmit = function() {

  let errors = document.querySelectorAll('#registrationForm .error');

  errors.forEach(error => error.innerText = ''); // Clear previous errors

  let name = document.getElementById('name').value;

  let email = document.getElementById('email').value;

  let address = document.getElementById('address').value;

  if (name === '') {

      errors[0].innerText = 'Name is required.';

  }

  if (email === '') {

      errors[1].innerText = 'Email is required.';

  }

  if (address === '') {

      errors[2].innerText = 'Address is required.';

  }

  if (name && email && address) {

      alert('Registration successful!');

  }

  return false; // Prevent form submission

};

// Validation for order form

document.getElementById('orderForm').onsubmit = function() {

  let errors = document.querySelectorAll('#orderForm .error');

  errors.forEach(error => error.innerText = ''); // Clear previous errors

  let product = document.getElementById('product').value;

  let quantity = document.getElementById('quantity').value;

  if (product === '') {

      errors[0].innerText = 'Product is required.';

  }

  if (quantity < 1) {

      errors[1].innerText = 'Quantity must be at least 1.';

  }

  if (product && quantity >= 1) {

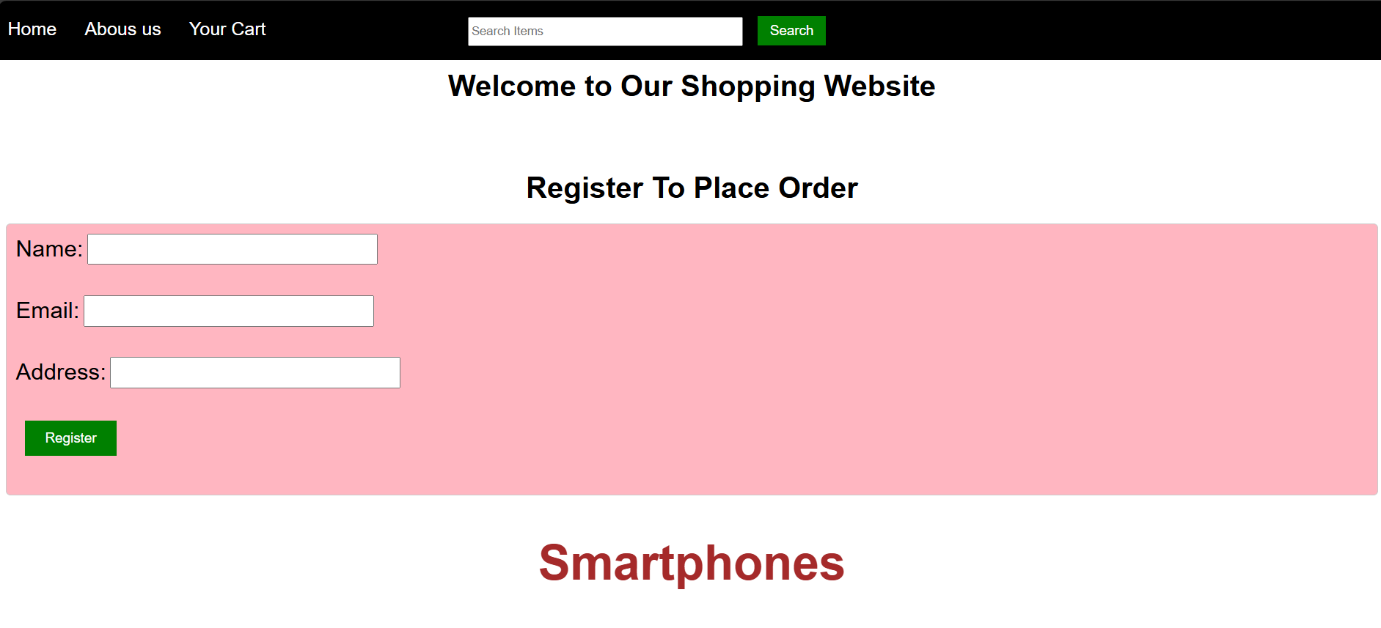
      alert('Order placed successfully!');

  }

  return false; // Prevent form submission

};

**Output :**

****

