

Lab 4- Solution

JavaScript

Task 1: Solution

```
<!DOCTYPE html>
<html>
<head>
<script>
function myFunction() {
    var fname = document.getElementById("fname").value;
    var lname = document.getElementById("lname").value;
    var fullname = fname + " " + lname;
document.getElementById("answer").innerHTML = "Welcome "+fullname;
}
</script>
</head>
<body>
<p>First name : <input type="text" id="fname"></p>
<p>Last name : <input type="text" id="lname"></p>
<button onclick="myFunction()">Greet!</button>
<p> <span id="answer"></span></p>
</body>
</html>
```

Task 2: Solution

```
<!DOCTYPE html>
<html>
<head>
</head>
<body>
<input type="text" id="expr" size=19><br><br>
<button id="b1" onclick="clac('1')">1</button>
<button id="b2" onclick="clac('2')">2</button>
<button id="b3" onclick="clac('3')">3</button>&nbsp;
<button id="b+" onclick="clac('+')" style="width:50px">+</button><br>
<button id="b4" onclick="clac('4')">4</button>
<button id="b5" onclick="clac('5')">5</button>
```

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<button id="b6" onclick="clac('6')">6</button>&nbsp;
<button id="b-" onclick="clac('-') " style="width:50px">-</button><br>
<button id="b7" onclick="clac('7')">7</button>
<button id="b8" onclick="clac('8')">8</button>
<button id="b9" onclick="clac('9')">9</button>&nbsp;
<button id="bx" onclick="clac('*') " style="width:50px">x</button><br>
<button id="bc" onclick="clac('C')">C</button>
<button id="b0" onclick="clac('0')">0</button>
<button id="b=" onclick="clac('=')">=</button>&nbsp;
<button id="b/" onclick="clac('/') " style="width:50px">/</button><br>
</body>
<script>
    var expr = "";
    function clac(bt){
        if (bt=='C'){
            expr="";
            document.getElementById("expr").value = expr;
        }
        else
            if(bt=='=') {
                document.getElementById("expr").value = eval(expr);
                expr = eval(expr);
            }
            else{
                expr = expr+bt;
                document.getElementById("expr").value = expr;
            }
    }
</script>
</html>

```

Task 3: Answer

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<style>
    img {
        max-width: 100px;
        max-height: 100px;
    }
</style>
<input type="file" id="fileInput" accept="image/*">

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<div id="imageContainer" style="max-width: 100px;"></div>

<script>
let fileInput = document.getElementById("fileInput");

fileInput.addEventListener("change", displayImage);
function displayImage() {
  let file = fileInput.files[0];
  let reader = new FileReader();
  reader.readAsDataURL(file);
  reader.onload = function() {
    let image = new Image();
    image.src = reader.result;
    let imageContainer = document.getElementById("imageContainer");
    imageContainer.innerHTML = "";
    imageContainer.appendChild(image);
  }
}

</script>

```

Task 4: Answer

```

<!DOCTYPE html>
<html lang="en">
<head>
  <title>Local Restaurant</title>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <!-- Bootstrap CSS -->
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1
T" crossorigin="anonymous">
  <!-- Custom CSS -->
  <link rel="stylesheet" href="style.css">
</head>
<body>
  <!-- Navigation -->
  <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
    <a class="navbar-brand" href="#">Local Restaurant</a>

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    <button class="navbar-toggler" type="button" data-toggle="collapse"
data-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false"
aria-label="Toggle navigation">
    <span class="navbar-toggler-icon"></span>
</button>
<div class="collapse navbar-collapse" id="navbarNav">
    <ul class="navbar-nav">
        <li class="nav-item">
            <a class="nav-link" href="index.html">Home</a>
        </li>
        <li class="nav-item">
            <a class="nav-link" href="menu.html">Menu</a>
        </li>
        <li class="nav-item">
            <a class="nav-link" href="contact.html">Contact Us</a>
        </li>
    </ul>
</div>
</nav>
<!-- Homepage -->
<div class="container">
    <div class="jumbotron">
        <h1 class="display-4 text-center">Welcome to Local Restaurant</h1>
        <p class="lead text-center">We serve the best food in town.</p>
        <hr class="my-4">
        <p class="text-center">Come dine with us and experience the taste of our
delicious dishes.</p>
        <p class="text-center"><a class="btn btn-primary btn-lg" href="menu.html"
role="button">View Menu</a></p>
    </div>
</div>
<!-- Menu Page -->
<div class="container">
    <h1 class="text-center">Menu</h1>
    <table class="table table-bordered table-striped">
        <tr>
            <th>Item</th>
            <th>Description</th>
            <th>Price</th>
            <th>Pic</th>
            <th>Order</th>
        </tr>
        <tr>
            <td>Burger</td>
            <td>A juicy beef burger with all the fixings</td>

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        <td>$10.99</td>
        <td></td>
        <td> <input type="number" id="burgers" style="width:50px"
onchange="calculateTotal()"></input> </td>
    </tr>
    <tr>
        <td>Pizza</td>
        <td>A delicious pizza with your choice of toppings</td>
        <td>$12.99</td>
        <td></td>
        <td> <input type="number" id="pizzas" style="width:50px"
onchange="calculateTotal()"></input> </td>
    </tr>
    <tr>
        <td>Salad</td>
        <td>A fresh and healthy salad with your choice of dressing</td>
        <td>$8.99</td>
        <td></td>
        <td> <input type="number" id="salads" style="width:50px"
onchange="calculateTotal()"></input> </td>
    </tr>
</table>
</div>
<div class="row">
    <div class="col-8">

    </div>
    <div class="col-2">
        
    </div>
    <div class="col-2">
        <h1 id="total" style="text-align: left;">$0</h1>
    </div>
</div>
<!-- Contact Page -->
<div class="container">
    <h1 class="text-center">Contact Us</h1>
    <form action="submit-form.php" method="post">
        <div class="form-group">
            <label for="name">Name:</label>
            <input type="text" class="form-control" id="name" name="name" required>

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    </div>
    <div class="form-group">
      <label for="email">Email:</label>
      <input type="email" class="form-control" id="email" name="email" required>
    </div>
    <div class="form-group">
      <label for="message">Message:</label>
      <textarea class="form-control" id="message" name="message" rows="5"
required></textarea>
    </div>
    <button type="submit" class="btn btn-primary">Submit</button>
  </form>
</div>
</body>
<script>
  var total = 0 ;
  function calculateTotal(){
    var burgers = document.getElementById("burgers").value;
    var pizzas = document.getElementById("pizzas").value;
    var salads = document.getElementById("salads").value;
    total = burgers*10.99+pizzas*12.99+salads*8.99;
    document.getElementById("total").innerHTML='$'+total;
  }
</script>
</html>
```