

Module 5 - Final Pizza Menu Assignment - Model Answer

```
<!--Pizza.html-->

<!DOCTYPE html>
<html lang="en">
<head>
  <title>Pizza Drill</title>
  <META HTTP-EQUIV="Content-Type" CONTENT="text/html; charset=UTF-8">
  <meta content="width=device-width,initial-scale=1.0" name="viewport">
  <link rel="stylesheet" type="text/css" href="Pizza_CSS/Pizza.css" />
</head>
<body>
  <div id="menuBG">
    <h1 style="margin:0 0px 0 20px;">Pizza Drill Tutorial</h1>
    <input id="btnOrder" type="button" onclick="getReceipt()" value="Place Order">
    <form id="frmMenu">
      <div class="menu left">
        <h3>Size:</h3>
        <input class="size" type="radio" name="Size" value="Personal Pizza"> Personal Pizza<br>
        <input class="size" type="radio" name="Size" value="Small Pizza"> Small Pizza<br>
        <input class="size" type="radio" name="Size" value="Medium Pizza"> Medium Pizza<br>
        <input class="size" type="radio" name="Size" value="Large Pizza" checked> Large Pizza<br>
        <input class="size" type="radio" name="Size" value="Extra Large Pizza"> Extra Large Pizza<br>
      </div>
      <div class="menu center">
        <h3>Vegetables:</h3>
        <input class="toppings" type="checkbox" name="Topping" value="Mushrooms"> Mushrooms<br>
        <input class="toppings" type="checkbox" name="Topping" value="Onions"> Onions<br>
        <input class="toppings" type="checkbox" name="Topping" value="Tomatoes"> Tomatoes<br>
        <input class="toppings" type="checkbox" name="Topping" value="Olives"> Olives<br>
        <input class="toppings" type="checkbox" name="Topping" value="Green Peppers"> Green Peppers<br>
      </div>
      <div class="menu right">
        <h3>Meats:</h3>
        <input class="toppings" type="checkbox" name="Topping" value="Pepperoni"> Pepperoni<br>
        <input class="toppings" type="checkbox" name="Topping" value="Sausage"> Sausage <br>
        <input class="toppings" type="checkbox" name="Topping" value="Canadian Bacon"> Canadian Bacon<br>
        <input class="toppings" type="checkbox" name="Topping" value="Ground Beef"> Ground Beef<br>
        <input class="toppings" type="checkbox" name="Topping" value="Anchovy"> Anchovy<br>
        <input class="toppings" type="checkbox" name="Topping" value="Chicken"> Chicken<br>
        <input class="toppings" type="checkbox" name="Topping" value="Salami"> Salami<br>
      </div>
      <div id="cart">
        <div id="showText"></div>
        <div id="totalPrice"></div>
      </div>
    </form>
  </div>
  <script src="Pizza_JavaScript/Pizza.js"></script>
</body>
</html>
```

```
/*Pizza.css*/

body {
  background-color: ■darkblue;
}

h1 {
  font-family: Helvetica;
  color: □white;
  text-align: center;
}

h3 {
  font-family: Arial;
  color: □snow;
}

div {
  color: □lightyellow;
  font-family: Monospace;
}

#menuBG {
  width: 400px;
  height: 470px;
  margin: 10px auto;
}

#frmMenu {
  width: 600px;
  height: 200px;
}

#totalPrice {
  width: 200px;
  height: 190px;
  margin: 20px auto;
  float: right;
}
```

```
.left {
  width: 200px;
  height: 200px;
  float: left;
}

.center {
  width: 200px;
  height: 200px;
  float: left;
}

.right {
  width: 200px;
  height: 200px;
  float: right;
}

#showText {
  width: 200px;
  height: 190px;
  margin: 0px auto;
  float: left;
}

#cart {
  top: 0;
  margin: 0px auto;
  width: 400px;
  height: 200px;
}

#btnOrder {
  margin: 10px 0px 0px 100px;
  width: 100px;
  height: 40px;
  display: block;
  margin: 25px auto;
}
```

```
//Pizza.js
```

```
function getReceipt() {  
    // This initializes our string so it can get passed from  
    // function to function, growing line by line into a full receipt  
    var text1 = "<h3>You Ordered:</h3>";  
    var runningTotal = 0;  
    var sizeTotal = 0;  
    var sizeArray = document.getElementsByClassName("size");  
    for (var i = 0; i < sizeArray.length; i++) {  
        if (sizeArray[i].checked) {  
            var selectedSize = sizeArray[i].value;  
            text1 = text1 + selectedSize + "<br>";  
        }  
    }  
    if (selectedSize === "Personal Pizza") {  
        sizeTotal = 6;  
    } else if (selectedSize === "Small Pizza") {  
        sizeTotal = 8;  
    } else if (selectedSize === "Medium Pizza") {  
        sizeTotal = 10;  
    } else if (selectedSize === "Large Pizza") {  
        sizeTotal = 14;  
    } else if (selectedSize === "Extra Large Pizza") {  
        sizeTotal = 16;  
    }  
    runningTotal = sizeTotal;  
    console.log(selectedSize + " = $" + sizeTotal + ".00");  
    console.log("size text1: " + text1);  
    console.log("subtotal: $" + runningTotal + ".00");  
    getTopping(runningTotal, text1); // These variables will be passed on to each function  
};  
  
function getTopping(runningTotal, text1) {  
    var toppingTotal = 0;  
    var selectedTopping = [];  
    var toppingArray = document.getElementsByClassName("toppings");  
    for (var j = 0; j < toppingArray.length; j++) {  
        if (toppingArray[j].checked) {  
            selectedTopping.push(toppingArray[j].value);  
            console.log("selected topping item: (" + toppingArray[j].value + ")");  
            text1 = text1 + toppingArray[j].value + "<br>";  
        }  
    }  
    var toppingCount = selectedTopping.length;  
    if (toppingCount > 1) {  
        toppingTotal = (toppingCount - 1);  
    } else {  
        toppingTotal = 0;  
    }  
    runningTotal = (runningTotal + toppingTotal);  
    console.log("total selected topping items: " + toppingCount);  
    console.log(toppingCount + " topping - 1 free topping = " + "$" + toppingTotal + ".00");  
    console.log("topping text1: " + text1);  
    console.log("Purchase Total: " + "$" + runningTotal + ".00");  
    document.getElementById("showText").innerHTML = text1;  
    document.getElementById("totalPrice").innerHTML = "</h3>Total: <strong>$" + runningTotal + ".00" + "</strong></h3>";  
};
```