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CS20 - Web Programming
Professor DiOrio
Assignment 4: Joe's Hotdogs

Online Link
https://mattiad.sgedu.site

HTML Code

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Joe's Hotdogs</title>

    <link rel = "stylesheet" href = "./style.css" />
    <style></style>
    <script src="script.js"></script>

</head>
<body onload="initialize();">
    <div id="container">
        <h1>Joe's Hotdogs</h1>

        <div id="container2">
            <div>Number of hotdogs ordered: <span
id="num_hotdogs"></span></div>
            <div>Number of fries ordered: <span id="num_fries"></span></div>
            <div>Number of sodas ordered: <span id="num_sodas"></span></div>
            <div>Subtotal: $<span id="subtotal"></span></div>

            <br>
            <hr>
            <br>

            <div id="discount2"></div>
            <div id="discount"></div>
            <div>Subtotal With Discount: $<span id="subtotal2"></span></div>

            <br>
            <hr>
            <br>
```

```html
        <div>Tax: $<span id="tax"></span></div>
        <div>Total: $<span id="total"></span></div>
      </div>
    </div>

    <img src="./image.png" />
</body>
</html>
```

```javascript
function initialize(){

    HOTDOG_PRICE = 3.75;
    FRIES_PRICE = 2;
    SODA_PRICE = 1.80;
    DISCOUNT_PRICE = 20;
    DISCOUNT = 0.1
    TAX = 0.0625;

    num_hotdogs = prompt("How many hotdogs do you want?");
    num_fries = prompt("How many fries do you want?");
    num_sodas = prompt("How many sodas do you want?");

    if (num_hotdogs == "" || num_hotdogs == null) {num_hotdogs = 0;}
    if (num_fries == "" || num_fries == null) {num_fries = 0;}
    if (num_sodas == "" || num_sodas == null) {num_sodas = 0;}

    subtotal = (num_hotdogs * HOTDOG_PRICE) + (num_fries * FRIES_PRICE) +
(num_sodas * SODA_PRICE);
    original_subtotal = subtotal;

    if (subtotal >= DISCOUNT_PRICE){
        discount = true;
        discount_num = Math.round(((subtotal * DISCOUNT) + Number.EPSILON) *
100) / 100;
        subtotal = Math.round(((subtotal - discount_num) + Number.EPSILON) *
100) / 100;
    }
    else{
        discount = false;
        short = DISCOUNT_PRICE - subtotal;
```

```
    }

    tax = Math.round(((subtotal * TAX) + Number.EPSILON) * 100) / 100;
    total = Math.round(((subtotal + tax) + Number.EPSILON) * 100) / 100;

    document.getElementById("num_hotdogs").innerHTML = num_hotdogs;
    document.getElementById("num_fries").innerHTML = num_fries;
    document.getElementById("num_sodas").innerHTML = num_sodas;

    document.getElementById("subtotal").innerHTML =
original_subtotal.toFixed(2);
    document.getElementById("subtotal2").innerHTML = subtotal.toFixed(2);

    if (discount){
        document.getElementById("discount").innerHTML = "Congratulations! Your
order was above $20, so Joe's special offer of a 10% coupon was applied to
your order!";
        document.getElementById("discount2").innerHTML = "Discount Amount: $"
+ discount_num.toFixed(2);
    }
    else{
        document.getElementById("discount").innerHTML = "Please spend $" +
short.toFixed(2) + " more in order to qualify for Joe's special offer of a
10% coupon";

        document.getElementById("discount2").innerHTML = "Discount Amount:
$0.00";
    }

    document.getElementById("tax").innerHTML = tax.toFixed(2);
    document.getElementById("total").innerHTML = total.toFixed(2);
}
```

CSS Code
```
body{
    background-color: bisque;
    text-align: center;

    width:100%;
    height: 100%;
}
```

```css
h1{
    text-decoration: underline;
}

#container{
    width: 50%;
    border: thin solid brown;
    margin: auto;
    margin-top: 10vh;
}

#container2{
    width: 70%;
    margin: auto;
    text-align: left;
}

#container2 div{
    font-size: larger;
    margin-bottom: 10px;
}

img{
    width: 350px;
}

@media only screen and (max-width: 1000px)  {
    #container{
        width: 65%;
    }
}
```