

IWP - Lab - 6

Aadhitya Swarnesh I

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1) Home.html

```
<html>
  <head>
    <link rel="stylesheet" href="Home.css">
    <script src="Home.js"> </script>
  </head>
  <body>
    <div>
      <h1>JotForm Products</h1>
      <hr>
      <h4>My Products</h4>
      <form action="" name="productForm" onsubmit="return onSubmit()" method="POST">
        User Name : <input type="text" name="uname" id="uname" >
        <br>
        <br>
        <input type="checkbox" name="tshirt" id="tshirt" value="tshirt">Jotform T-Shirt
      <b>$9.99</b>
        <br>
        <br>
        <select name="quantity" id="quantity">
          <option value="1">1</option>
          <option value="2">2</option>
          <option value="3">3</option>
          <option value="4">4</option>
          <option value="5">5</option>
        </select>
        Quantity
        <select name="color" id="color">
          <option value="red">Red</option>
          <option value="green">Green</option>
          <option value="blue">Blue</option>
        </select>
        Color
        <select name="size" id="size">
          <option value="xs">XS</option>
          <option value="s">S</option>
          <option value="m">M</option>
          <option value="l">L</option>
          <option value="xl">XL</option>
          <option value="xxl">XXL</option>
        </select>
        Size
        <br>
```

```

        <br>
        <input type="checkbox" name="mug" id="mug" value="mug">Jotform Mug
<b>$4.99</b>
        <br><br>
        <input type="checkbox" name="pencil" id="pencil" value="pencil">Jotform Pencil
<b>$2.99</b>
        <br><br>
        <input type="checkbox" name="sticker" id="sticker" value="sticker">Jotform Sticker
<b>$1.99</b>
        <br><br>
        Coupon Code : <input type="text" name="coupon" id="coupon" maxlength="8">
        <br><br>
        <br>
        Total : <p class="totcost" id="totcost">$ 0.00</p>
        <br><br>
        <button type="button" class="submitbtn" onclick="onSubmit()">Submit</button>
    </form>
    <p id="bill"></p>
</div>

</body>
</html>

```

2) Home.css

```

hr{
    width : 500px;
}
body{
    margin: auto;
    padding: auto;
}
form{
    margin: auto;
}
.sameline{
    display: inline;
}
.submitbtn{
    background-color: orange;
    border-radius: 10px;
    border-style: ridge;
    padding : 10px 50px;
    color: white;
    margin-left: 150px;
    font-size:large;
}
.totcost{
    font-style: bold;
    display: inline;
}
div{
    margin: auto;
    padding: auto;
    width: fit-content;
    margin-top: 50px;
}

```

3) Home.js

```
function couponGenerate(uname)
{
    var coupon = "";
    if(uname.length == 7)
    {
        coupon += uname.charAt(0).toUpperCase();
        var num = 0, num1 = 0;
        for(var i=0;i<uname.length;i++)
        {
            var c = uname.charAt(i).toLowerCase();
            if(c=='a' || c=='e' || c=='i' || c=='o' || c=='u')
            {
                num++;
            }
            else
            {
                num1++;
            }
        }
        coupon += num;
        coupon += uname.charAt(uname.length - 1);
        coupon += '@';
        coupon += num1;
        return(coupon);
    }
    else if(uname.length == 8)
    {
        var ch, coupon="";
        for(var i=0;i<uname.length;i++)
        {
            ch = uname.charAt(i)
            if((ch>='a' && ch<'k') || (ch>='A' && ch<'K'))
            {
                coupon += ch;
            }
        }
        return(coupon);
    }
    else
    {
        return('error');
    }
}

function validateCoupon(uname, coupon)
{
    if(coupon!=null)
    {
        cgen = couponGenerate(uname);
        if(cgen == coupon)
        {
            return(true)
        }
    }
    return(false)
}

function onSubmit()
```

```

{
  var uname = document.forms["productForm"]["uname"].value;
  var coupon = document.forms["productForm"]["coupon"].value;
  var bill = 0, n=0, maxcost=0, mincost=0, cost;
  var notSelected = new Array();
  if(document.forms["productForm"]["tshirt"].checked)
  {
    cost= (document.forms["productForm"]["quantity"].value * 9.99);
    bill += cost;
    maxele = "Tshirt";
    maxcost = cost;
    minele = "Tshirt";
    mincost = cost;
  }
  else
  {
    notSelected[n++] = "T Shirt";
  }
  if(document.forms["productForm"]["mug"].checked)
  {
    bill += 4.99;
    if(maxcost==0)
    {
      maxcost = 4.99;
      mincost = 4.99;
      maxele = "Mug";
      minele = "Mug";
    }
    else if(mincost > 4.99)
    {
      minele = "Mug";
      mincost = 4.99;
    }
  }
  else
  {
    notSelected[n++] = "Mug";
  }
  if(document.forms["productForm"]["pencil"].checked)
  {
    bill += 2.99;
    if(maxcost==0)
    {
      maxcost = 2.99;
      mincost = 2.99;
      maxele = "Pencil";
      minele = "Pencil";
    }
    if(mincost > 2.99)
    {
      minele = "Pencil";
      mincost = 2.99;
    }
    if(maxcost < 2.99)
    {
      maxele = "Pencil";
      maxcost = 2.99;
    }
  }
  else

```

```

{
    notSelected[n++] = "Pencil";
}
if(document.forms["productForm"]["sticker"].checked)
{
    bill += 1.99;
    if(maxcost==0)
    {
        maxcost = 1.99;
        mincost = 1.99;
        maxele = "Sticker";
        minele = "Sticker";
    }
    else if(mincost > 1.99)
    {
        minele = "Sticker";
        mincost = 1.99;
    }
    if(maxcost < 1.99)
    {
        maxele = "Sticker";
        maxcost = 1.99;
    }
}
else
{
    notSelected[n++] = "Sticker";
}
if(validateCoupon(uname, coupon))
{
    bill = 0.9 * bill;
    if(bill > 10)
    {
        bill = 0.9 * bill;
    }
}
var totcost = document.getElementById("totcost");
totcost.innerHTML = bill;

```

```

// Objects not selected
var notSelectedStatement = "The items not Selected are : <br>"
for(var i=0;i<n;i++)
{
    notSelectedStatement += notSelected[i] + "<br>";
}

```

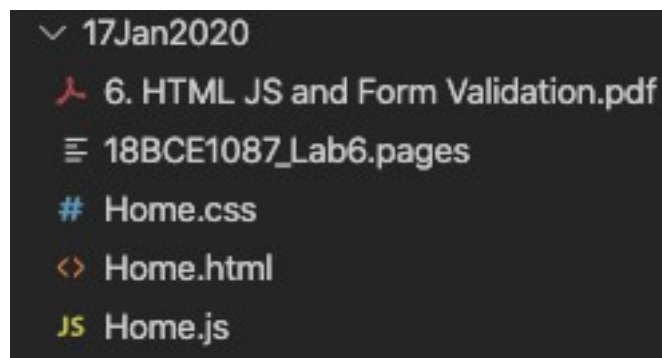
```

//Print Maximum cost and minimum cost product.
notSelectedStatement += "<br><br>"
notSelectedStatement += "The product with maximum cost : " + maxele + "<br>" + "The product with minimum cost : " + minele + "<br>";

document.getElementById("bill").innerHTML = notSelectedStatement;
}

```

4) Folder Organisation



JotForm Products

My Products

User Name :

☐ Jotform T-Shirt \$9.99

Quantity Color Size

☒ Jotform Mug \$4.99

☒ Jotform Pencil \$2.99

☐ Jotform Sticker \$1.99

Coupon Code :

Total : 7.98

Submit

The items not Selected are :
T Shirt
Sticker

The product with maximum cost : Mug
The product with minimum cost : Pencil