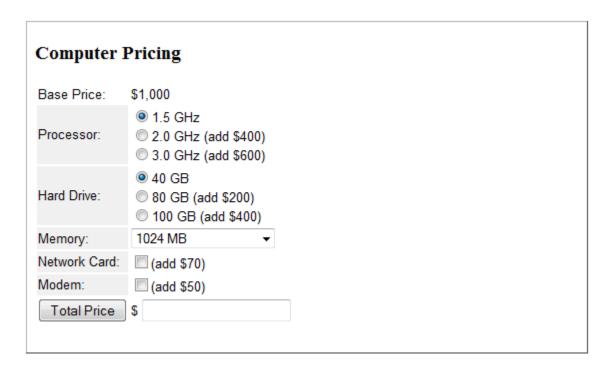
Assignment 1: Creating and Submitting a Form

Please use the **Assignment One Drop Box** to submit your assignment.

Create a Web page with a form for calculating the cost of a computer. The resulting page is shown below.



Instructions

- 1. Code the form inside a borderless table with two columns in order to align labels and fields. Table cells are styled with Arial 10pt text. The background color of the first column is #F0F0F0.
- 2. The form is surrounded by a <form> tag; neither an action nor a method attribute is required since this form is *not* being transmitted to the server for processing.
- 3. The "Base Price" value of \$1,000 does not appear in a form field; it is simply displayed in the table cell.
- 4. Make sure you id, name, and value all of the fields:
 - The **ids** of the processor radio buttons are **Processor1**, **Processor2**, and **Processor3**; the **name** of all processor radio buttons is **Processor** to force a mutually exclusive choice. These buttons have the following labels and values:

```
1.5 GHz "0"
2.0 GHz (add $400) "400"
3.0 GHz (add $600) "600"
```

• The **ids** of the hard drive radio buttons are **HardDrive1**, **HardDrive2**, and **HardDrive3**; the **name** of all hard drive radio buttons is **HardDrive** to force a mutually exclusive choice. These buttons have the following labels and values:

```
40 GB "0"
80 GB (add $200) "200"
100 GB (add $400) "400"
```

• The **id** of the memory drop-down list is **Memory**; <option> tags have the following labels and values:

```
1024 MB "0"
2048 MB (add $300) "300"
4096 MB (add $500) "500"
8192 MB (add $700) "700"
```

- The **id** of the network card checkbox is **NetworkCard**; it has a value of "70".
- The **id** of the modem checkbox is **Modem**; it has a value of "50".
- The **id** of the total price textbox is **TotalPrice**.
- The "Total Price" button is a general-purpose button; it is not a submit button since form information is not being sent to a server for processing.
- 5. Save the document with the name **Assignment_one.html**

Script Processing

1. Add a JavaScript event handler to the "Total Price" button in order to call on a processing script to calculate the total amount of the computer:

```
<input type="button" value="Total Price" onClick="GetTotal()"/>
```

2. Enter the following JavaScript code to your page. Place this code inside the <head> section of your page. This script accesses the values entered on the form and calculates the total price of the computer, placing the resulting value in the "Total Price" field.

```
<script type="text/javascript">
function GetTotal()
   var processorprice = 0;
   var harddriveprice = 0;
   var memoryprice = 0;
   var networkcardprice = 0;
   var modemprice = 0;
   var totalprice = 0;
   var i;
   // Get processor price
   for (i=1; i<=3; i++) {
        if (document.getElementById("Processor" + i).checked){
           processorprice=parseInt(document.getElementById("Processor" + i).value);
   }
   // get hard drive price
   for (i=1; i<=3; i++) {
       if (document.getElementById("HardDrive" + i).checked) {
           harddriveprice=parseInt(document.getElementById("HardDrive" + i).value);
    }
   // get memory price
   i=document.qetElementById("Memory").selectedIndex;
   memoryprice=parseInt(document.getElementById("Memory")[i].value);
   // get network card price
   if (document.getElementById("NetworkCard").checked) {
        networkcardprice=parseInt(document.getElementById("NetworkCard").value);
   else {
       networkcardprice=0;
    // get modem price
   if (document.getElementById("Modem").checked) {
       modemprice=parseInt(document.getElementById("Modem").value);
   else {
       modemprice=0;
   // get total price
   totalprice=1000 + processorprice + harddriveprice + memoryprice + networkcardprice + modemprice;
   document.getElementById("TotalPrice").value=totalprice;
</script>
```