

[illegible]

```

54     <br>
55     <label for="item4">Item 4: </label>
56     <input type="number" class="left" id="item4" name="item4" data-item=
      "4" min="0"><br>
57
58     <div class="submit-reset">
59         <div class="button-container">
60
61             &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&
62             <input type="submit" class="buttonSubmit" value="SUBMIT">
63             <input type="reset" id="clearForm" class="buttonSubmit" value
              ="CLEAR FORM">
64         </div>
65     </div>
66 </form>
67 <div class="output-box">
68     <table id="outputTable" class="outputTable">
69         <tr>
70             <td class="blackBold">Item #</td>
71             <td class="blackBold">Price</td>
72             <td class="blackBold2">Qty Sold</td>
73             <td class="blackBold3">Total</td>
74         </tr>
75         <tr>
76             <td>1</td>
77             <td>$20.99</td>
78             <td><input type="text" id="numSold1" class="numField"
              readonly></td>
79             <td><input type="text" id="total1" class="right-table"
              readonly></td>
80         </tr>
81         <tr>
82             <td>2</td>
83             <td>$12.75</td>
84             <td><input type="text" id="numSold2" class="numField"
              readonly></td>
85             <td><input type="text" id="total2" class="right-table"
              readonly></td>
86         </tr>
87         <tr>
88             <td>3</td>
89             <td>$&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&9.95</td>
90             <td><input type="text" id="numSold3" class="numField"
              readonly></td>
91             <td><input type="text" id="total3" class="right-table"
              readonly></td>
92         </tr>
93         <tr>
94             <td>4</td>
95             <td>$35.89</td>
96             <td><input type="text" id="numSold4" class="numField"
              readonly></td>
97             <td><input type="text" id="total4" class="right-table"
              readonly></td>
98         </tr>
99     </table>
100 <table>
101     <tr>
102         <td class="left-table">
103             &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&
104             &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&
105             &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&~Total Amount Sold:</td>
106         <td><input type="text" id="totalSold" class="right-table"
              readonly></td>
107     </tr>
108 </table>
109 <tr>
110     <td class="left-table">

```



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170
171     $('#inputForm').validate({
172         rules: itemValidationRules,
173         messages: itemValidationMessages,
174         submitHandler: function (form) {
175             // The form is valid, you can submit it here if needed.
176             // For now, let's update the item totals.
177             updateItemTotals();
178             sumCommission();
179             return false; // Prevent form submission
180         }
181     });
182
183     // Event listener for the "CLEAR FORM" button
184     $('#clearForm').click(function () {
185         // Reset the form
186         $('#inputForm')[0].reset();
187         // Clear the calculated fields
188         $('#numField, .right-table').val('');
189     });
190
191     // Listen for changes in item1-4 fields
192     $(document).ready(function () {
193         for (var i = 1; i <= 4; i++) {
194             $('#item' + i).on('input', function () {
195                 var itemId = $(this).data('item'); // Get the item number from
196                 // data-item attribute
197                 var quantity = parseFloat($(this).val()); // Parse the input value
198                 // as a float
199                 if (!isNaN(quantity) && quantity >= 0) {
200                     // If the input is a valid positive number, update numSold1-4
201                     // with the valid quantity
202                     $('#numSold' + itemId).val(quantity);
203                 } else {
204                     // If the input is not valid (negative or non-numeric), reset it
205                     // to 0 and clear numSold1-4
206                     $(this).val('0');
207                     $('#numSold' + itemId).val('');
208                 }
209                 updateItemTotals(); // Recalculate item totals
210             });
211         }
212     });
213
214     // Function to update item totals
215     function updateItemTotals() {
216         let prices = [20.99, 12.75, 9.95, 35.89];
217         for (var i = 1; i <= 4; i++) {
218             var itemId = i; // No need to get the data-item attribute again
219             var quantity = parseFloat($('#item' + i).val());
220             if (!isNaN(quantity) && quantity >= 0) {
221                 var total = (quantity * prices[i - 1]).toFixed(2);
222                 $('#total' + i).val('$' + total);
223             } else {
224                 $('#total' + i).val('');
225             }
226         }
227     }
228
229     // Calculate and update the commission
230     function sumCommission() {
231         var totalSales = 0;
232
233         // Loop through total1 to total4 and calculate the total sales
234         for (var i = 1; i <= 4; i++) {
235             var total = parseFloat($('#total' + i).val().replace('$', '')) || 0;
236             totalSales += total;
237         }
238     }

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233     }
234
235     // Calculate the commission (9% of totalSales + 200)
236     var commission = (0.09 * totalSales) + 200;
237
238     // Update the totalSold and commission for seller
239     $('#totalSold').val('$ ' + totalSales.toFixed(2)); // Add the "$" symbol
240     // before the totalSales value
241     $('#totalEarn').val('$ ' + commission.toFixed(2)); // Display with 2 decimal
242     // places
243 }
244 </script>
245 </body>
246 </html>
```