

Discount Price Calculation

Create a web page which calculates the discount for the product for the specific season. The seasons with their discount rates are summer (10%), new year (5%) and clearance (15%). The discount is calculated on the price of the product. The web page should look like

DISCOUNT PRICE

| | |
|---------------|----------------------|
| Product Name | <input type="text"/> |
| Product Price | <input type="text"/> |
| Season | SUMMER SALE ▼ |

GET DISCOUNT PRICE

The outcome webpage should look as

DISCOUNT PRICE

| | |
|---------------|---|
| Product Name | <input type="text" value="Voltas Air Conditioner"/> |
| Product Price | <input type="text" value="45000"/> |
| Season | SUMMER SALE ▼ |

GET DISCOUNT PRICE

The discount is 10%
The discounted price : Rs 40500

The client side validation is performed using JavaScript.

Web page Requirements

The web page background color should be #99FFFF. The label "Discount Price" should be a heading tag(h1) and should be italic bolded, centered, and in color code #b03060.

Product name - a text box with the name "name", should not be empty, contain only alphabets and space and mandatory field.

Price - a number box with the name price, mandatory field and the minimum value should be greater than 15000.

Season is a drop down box with tag name "**season**". The drop down box will have the following value and display value

- summer - SUMMER SALE
- newyear - NEW YEAR SALE
- clearance - CLEARANCE SALE

The table should be left aligned with 35% and an outer border style of solid 5px and 30% border width. The space between element and the border must be 10px.

A submit button with left aligned with 45% and with a value "GET DISCOUNT PRICE" should be present. Once submit, the web page calculates the discounted price for the product.(The input type should be "submit")

The outcome must be displayed in 2 div tags, where the first will have the id named "discount" and is to display the discount % of the product and the second will have the id named "result" and is to display the discounted price of the product. Both the div tags should be **center aligned** with bold text. The font of the discounted price must be **italic, #FF0000 and 40px size** and for discount % it is **25px**. Have separate styles for div, discount and result

Note : Please, do not use let in variable initialization. Instead, use var.

[Click Here to Download Solution Template](#)

discountprice.html

```
1 <html>
2 <head>
3 <style>
4 body{
5     background-color:#99FFFF;
6 }
7 h1{
8     font-style:italic;
9     text-align:center;
10    font-weight:bold;
11    color:#b03060;
12 }
13 table{
14     border-collapse:collapse;
15     border:5px solid black;
16     width:30%;
17     margin-left:35%;
18 }
19 tr{
20     text-align:left;
21 }
22 td{
23     padding:10px;
24     border:2px solid black;
25 }
26 div{
27     font-weight:bold;
28     text-align:center;
29 }
30 #result{
31     font-style:italic;
32     color:#FF0000;
33     font-size:40px;
34 }
35 #discount{
36     font-size:25px;
37 }
38 #submitbutton{
39     margin-left:45%;
40 }
41 </style>
42 <script type="text/javascript">
43 function validateForm(){
44     var season=document.getElementById("s").value;
45     var price=parseInt(document.getElementById("price").value);
46     var disc;
47     if(season=="summer")
48         disc=10;
49     else if(season=="newyear")
50         disc=5;
51     else
52         disc=15;
53     var tot=(price*(100-disc))/100;
54     document.getElementById("discount").innerHTML="The discount is "+disc+"%";
55     document.getElementById("result").innerHTML="The discounted price : Rs "+tot;
56     return false;
57 }
58 </script>
59 </head>
```

```

60 <body>
61 <h1>DISCOUNT PRICE</h1>
62 <form method="get" name="myform" onsubmit="return validateForm()">
63 <table>
64 <tr>
65 <td>Product Name</td>
66 <td>
67 <input type="text" name="name" required pattern="[a-zA-Z\s]+">
68 </td>
69 </tr>
70 <tr>
71 <td>Product Price</td>
72 <td>
73 <input type="number" name="price" required min="15001" id="price">
74 </td>
75 </tr>
76 <tr>
77 <td>Season</td>
78 <td>
79 <select name="season" id="s">
80 <option value="summer">SUMMER SALE</option>
81 <option value="newyear">NEW YEAR SALE</option>
82 <option value="clearance">CLEARANCE SALE</option>
83 </select>
84 </td>
85 </tr>
86 </table><br>
87 <input type="submit" name="submit" id="submitbutton" value="GET DISCOUNT PRICE">
88 </form><br>
89 <div id="discount"></div><br>
90 <div id="result"></div>
91 </body>
92 </html>

```