

Assignment

JavaScript Essentials And Advanced

Q-1 HTML-CSS Login Registration page

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <!-- <title>Login Form |</title> -->
    <link rel="stylesheet" href="style.css">
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.2/css/all.min.css"/>
  </head>
  <body>
    <div class="container">
      <div class="wrapper">
        <div class="title"><span>Login Form</span></div>
        <form action="#">
          <div class="row">
            <i class="fas fa-user"></i>
            <input type="text" placeholder="Email or Phone" required>
          </div>
          <div class="row">
            <i class="fas fa-lock"></i>
            <input type="password" placeholder="Password" required>
          </div>
          <div class="pass"><a href="#">Forgot password?</a></div>
          <div class="row button">
            <input type="submit" value="Login">
          </div>
          <div class="signup-link">Not a member? <a href="#">Signup
now</a></div>
        </form>
      </div>
    </div>
  </body>
</html>
```

Copy Codes

```
@import
url('https://fonts.googleapis.com/css2?family=Poppins:wght@200;300;400;500;600;700&display=swap');
*{
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  font-family: 'Poppins',sans-serif;
}
body{
  background: #1abc9c;
  overflow: hidden;
}
::selection{
  background: rgba(26,188,156,0.3);
}
.container{
  max-width: 440px;
  padding: 0 20px;
  margin: 170px auto;
}
.wrapper{
  width: 100%;
  background: #fff;
  border-radius: 5px;
  box-shadow: 0px 4px 10px 1px rgba(0,0,0,0.1);
}
.wrapper .title{
  height: 90px;
  background: #16a085;
  border-radius: 5px 5px 0 0;
  color: #fff;
  font-size: 30px;
  font-weight: 600;
  display: flex;
  align-items: center;
  justify-content: center;
```

```
}  
.wrapper form{  
  padding: 30px 25px 25px 25px;  
}  
.wrapper form .row{  
  height: 45px;  
  margin-bottom: 15px;  
  position: relative;  
}  
.wrapper form .row input{  
  height: 100%;  
  width: 100%;  
  outline: none;  
  padding-left: 60px;  
  border-radius: 5px;  
  border: 1px solid lightgrey;  
  font-size: 16px;  
  transition: all 0.3s ease;  
}  
form .row input:focus{  
  border-color: #16a085;  
  box-shadow: inset 0px 0px 2px 2px rgba(26,188,156,0.25);  
}  
form .row input::placeholder{  
  color: #999;  
}  
.wrapper form .row i{  
  position: absolute;  
  width: 47px;  
  height: 100%;  
  color: #fff;  
  font-size: 18px;  
  background: #16a085;  
  border: 1px solid #16a085;  
  border-radius: 5px 0 0 5px;  
  display: flex;  
  align-items: center;
```

```
    justify-content: center;
}
.wrapper form .pass{
    margin: -8px 0 20px 0;
}
.wrapper form .pass a{
    color: #16a085;
    font-size: 17px;
    text-decoration: none;
}
.wrapper form .pass a:hover{
    text-decoration: underline;
}
.wrapper form .button input{
    color: #fff;
    font-size: 20px;
    font-weight: 500;
    padding-left: 0px;
    background: #16a085;
    border: 1px solid #16a085;
    cursor: pointer;
}
form .button input:hover{
    background: #12876f;
}
.wrapper form .signup-link{
    text-align: center;
    margin-top: 20px;
    font-size: 17px;
}
.wrapper form .signup-link a{
    color: #16a085;
    text-decoration: none;
}
form .signup-link a:hover{
    text-decoration: underline;
}
```

Q-2 Calculate subtotal price of quantity in JavaScript?

HTML CODE

```
<h1>Your Basket</h1>
```

```
<p>
```

```
</p>
```

```
<table class="table_cart">
```

```
  <thead>
```

```
    <tr class="table_cart--heading">
```

```
      <th>
```

```
        Products INFO
```

```
      </th>
```

```
      <th>
```

```
        Price
```

```
      </th>
```

```
      <th>
```

```
        Qty
```

```
      </th>
```

```
      <th>
```

```
        Cost
```

```
      </th>
```

```
      <th>
```

```
        Action
```

```
      </th>
```

```
    </tr>
```

```
  </thead>
```

```
  <tbody>
```

```
    <tr class="item-row">
```

```
      <td>
```

```
        fortunata window hardware decorative holdbacks-mocha
```

```
      </td>
```

```
      <td>
```

```
        <span class="item_price" data-price="29.99">
```

```
$29.99/-</span>
```

```
      </td>
```

```
      <td>
```

```
        <input class="input_qty" name="quantity" value="0">
```

```
        <span class="add_qty"> + </span> <span
```

```
class="remove_qty"> - </span>
```

```
      </td>
```

```

        <td class="item_cost">$.  

            <span class="item-cost-val"> </span>/-  

        </td>  

        <td> <a href="javascript:" class="js_remove_item">Remove</a>  

    </td>  

</tr>  

<tr id="product_item-2" class="item-row">  

    <td>  

        fortunata window hardware decorative holdbacks-mocha  

  

    </td>  

    <td>  

        <span class="item_price" data-price="12.99">  

$12.99/-</span>  

    </td>  

    <td>  

        <input class="input_qty" name="quantity" value="0">  

        <span class="add_qty"> + </span> <span  

class="remove_qty"> - </span>  

    </td>  

    <td class="item_cost">$.  

        <span class="item-cost-val"> </span>/-  

    </td>  

    <td> <a href="javascript:" class="js_remove_item"  

id="remove_item-2">Remove</a> </td>  

</tr>  

</tbody>  

<tfoot>  

    <tr>  

        <td>Sub Total</td>  

        <td>&nbsp;</td>  

        <td>&nbsp;</td>  

        <td>$<span id="subtotal"> 0</span>/-</td>  

        <td>&nbsp;</td>  

    </tr>  

    <!--  

    <tr>  

        <td>VAT 20%</td>  

        <td>&nbsp;</td>  

        <td>&nbsp;</td>  

        <td>Rs. <span id="total_vat">0</span>/-</td>  

        <td>&nbsp;</td>

```

```

</tr> -->
        <tr class="table_cart--footer">
            <th><strong>Total Cost</strong></th>
            <td>&nbsp;</td>
            <td>&nbsp;</td>
            <th colspan='2'> <span id="total_cost">0</span>/-</th>

        </tr>
    </tfoot>
</table>

```

CSS-CODE

```

body {
    font-family: 'Droid Sans', sans-serif;
    font-size: 14px;
    color: #444;
}

.table_cart {
    width:100%;
    max-width:700px;
    border:1px solid #999;
    padding:0;
    border-collapse: collapse;
    & thead tr, tbody tr, tfoot tr {
        border-bottom:1px solid #888;
    }
    & tfoot {
        background:rgba(0,0,0,0.1);
    }
    &--heading {
        background:rgba(0,0,0,0.4);
        text-align:left;
    }
    &--footer {
        text-align:left;
        background:rgba(0,0,0,0.1);
    }
    & td, th {
        padding:8px;
        border-left:1px solid #888;
    }
}

```

```

        position:relative;
        &:first-child {
            border:0;
        }
    }
    & .add_qty, .remove_qty {
        background:rgba(0,0,0,0.4);
        padding:3px;
        display:inline-block;
        width:8px;

        height:7px;
        line-height:8px;
        text-align:center;
        vertical-align:middle;
        position:absolute;
        cursor:pointer;
        color:#fff;
    }
    .remove_qty {
        top:23px;
    }
    & .input_qty {
        padding:10px;
        margin-right:10px;
    }
}

```

JS-CODE

```

$(document).ready(function(){
    $('.add_qty').on('click', function(ev) {
        $currObj = $(ev.currentTarget);
        var currQCount = getCurrQCount($currObj);
        currQCount++;
        updateData($currObj, currQCount);
    });

    $('.remove_qty').on('click', function(ev) {
        $currObj = $(ev.currentTarget);
        var currQCount = getCurrQCount($currObj);

        currQCount--;
    });

```



```

        updateData($currObj, currQCount);

    });

    function getCurrQCount($currObj){
        return $currObj.siblings(".input_qty").val();
    }

    function updateData($currObj, currQCount){
        $currObj.siblings(".input_qty").val(currQCount);

        var $parentObj = $currObj.closest(".item-row");
        var itemPrice = $parentObj.find(".item_price").attr("data-price");
        var itemCost = Number(itemPrice) * currQCount;
        $parentObj.find(".item-cost-val").text(itemCost);

        var subTotal = getSubTotal();
        var vatAmount = getVatAmount();
        var totalCost = subTotal + vatAmount;
        $("#subtotal").text(subTotal);
        $("#total_vat").text(vatAmount);
        $("#total_cost").text(totalCost);
    }

    function getSubTotal(){
        var subTotal = 0;
        $(".item-cost-val").each(function() {
            subTotal+= Number($(this).text());
        });
        return subTotal;
    }

    function getVatAmount(){
        var vatPercentage = 0.2;
        return vatPercentage * getSubTotal();
    }

});

```

Q-3 What is JavaScript Output method?

```
<!DOCTYPE html>
<html>
<body>

<h1>My First Web Page</h1>
<p>My First Paragraph</p>

<p id="demo"></p>

<!-- Script to use innerHTML -->

<script>
document.getElementById("demo").innerHTML = 5 + 6;
</script>

</body>
</html>
```

Q-4 How to used JavaScript Output method

```
<h1>HELLO THIS POSSIBILITIES</h1>
<h2>
JavaScript Display Possibilities
Using innerHTML
</h2>
<p id="GFG"></p>

<!-- Script to use innerHTML -->
<script>
document.getElementById("GFG").innerHTML
    = 10 * 2;
</script>
```

Q-5 How to used JavaScript Events to do all examples?

`<!--using this.innerHTML-->`

```
<!DOCTYPE html>
<html>
<body>

<h2>JavaScript HTML Events</h2>
<button onclick="this.innerHTML=Date()">The time is?</button>

</body>
</html>
```

```
<!DOCTYPE html>
<html>
<body>

<button
onclick="document.getElementById('demo').innerHTML=Date()">The
time is?</button>

<p id="demo"></p>

</body>
</html>
```