

LABSHEET 11

Module

Front-end
Web
Development

Module Code

IT43004FP

Duration

3 hours

Title:

Create a counter using JavaScript

Objective(s):

At the end of these lessons, students will be able to.

- Create a counter using JavaScript Program

Tools, Equipment and Materials:

- 1 Personal Computer with Internet access
- 2 Web Authoring Tool (Adobe Dreamweaver or Visual Studio Code)

Instructions:

Part (A):

Exercise 1: Create a JavaScript program from HTML

1. Launch Visual Studio Code.
2. Create a new folder, named as counter.
3. Download the Lab11a_Assets provided into this counter folder.
4. Create a new, blank HTML file and name it as **counter.html**. Save this file in counter folder.
5. Type the following codes.

```
<!doctype html>
<html>
<head>
  <meta charset="utf-8">
  <script src="https://code.jquery.com/jquery-2.2.4.js" charset="utf-8"></script>
  <title>Javascript for Shopping Cart </title>
  <link rel="stylesheet" href="style_java.css" media="screen" title="no title"
  charset="utf-8">
</head>
<body>
  <br>
```

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```

        <span>White Sports Shoes</span>
    <div class="quantity">
    <button class="plus-btn" type="button" name="button">
        
    </button>
    <input type="text" name="name" value="1">
    <button class="minus-btn" type="button" name="button">
        
    </button>
    </div>
<script type="text/javascript">
    $('minus-btn').on('click', function(e) {
        e.preventDefault();
        var $this = $(this);
        var $input = $this.closest('div').find('input');
        var value = parseInt($input.val());

        if (value > 1) {
            value = value - 1;
        } else {
            value = 0;
        }

        $input.val(value);

    });

    $('plus-btn').on('click', function(e) {
        e.preventDefault();
        var $this = $(this);
        var $input = $this.closest('div').find('input');
        var value = parseInt($input.val());

        if (value < 100) {
            value = value + 1;
        } else {
            value = 100;
        }

        $input.val(value);

    });

    $('like-btn').on('click', function() {
        $(this).toggleClass('is-active');
    });

```

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```
</script>
</body>
</html>
```

Part (B):

Exercise 2: Create a CSS file.

6. Create a new blank file, save as style_java.css in counter folder.
7. Type the following codes:

```
@import url(https://fonts.googleapis.com/css?family=Roboto:300,400,500);
html,
body {
    width: 100%;
    height: 100%;
    padding: 10px;
    margin: 0;
    background-color: #7EC855;
    font-family: 'Roboto', sans-serif;
}
.quantity {
    padding-top: 20px;
    margin-right: 60px;
}
.quantity input {
    -webkit-appearance: none;
    border: none;
    text-align: center;
    width: 32px;
    font-size: 16px;
    color: #43484D;
    font-weight: 300;
}
button[class*=btn] {
    width: 30px;
    height: 30px;
    background-color: #E1E8EE;
    border-radius: 6px;
    border: none;
    cursor: pointer;
}
.minus-btn img {
    margin-bottom: 3px;
}
```

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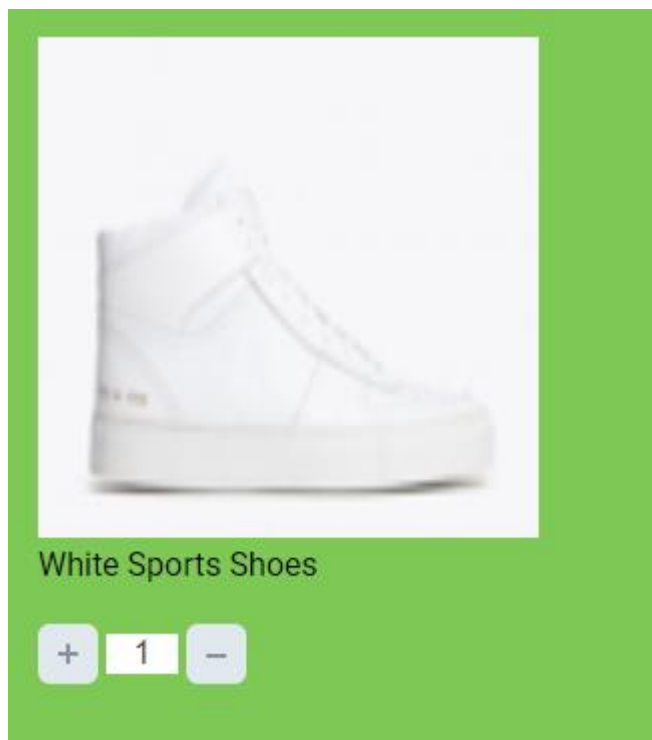
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```
.plus-btn img {  
  margin-top: 2px;  
}  
button:focus,  
input:focus {  
  outline:0;  
}
```

8. Preview the counter.html file. You will see the following output.
9. Click on the + button and observe that the number displayed.
10. Click on the + button and observe that the number displayed.



- END -

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