### JS Advanced: Exam 15 July 2018

## **Problem 4. Online Shop (DOM)**

Write a JavaScript program that provides the logic for the given user interface of an online shop's inventory:

Online Shop Inventory						
Product details:  Enter product  1 BGN 1 Qty. Submit						
Inventory:						
Capacity: (maximum capacity is 150 items.)  Price: BGN						

Each order you create should consist of product's name, price and quantity. When the submit button is clicked the current product must be added to the inventory and the visualization (product field, price field, quantity field and submit button) should be reset to the initial values. The submit button should be disabled if the product field is empty.

Also there is a small capacity field, which shows how many items are there currently in the inventory. The inventory can store up to 150 items. Therefore, you should keep track of its capacity and when 150 items are reached, the capacity field should become red and it should display "full", also the submit button, the product field, price field and quantity field should be disabled by adding to them the property "disabled". In order to change the colour of the capacity field, you should simply **change** its **CSS class** to **"fullCapacity"**. See the picture below:

















# Online Shop Inventory

#### Product details:

Enter product	1	BGN	1	Qty.	Submit
la cantan o					
Inventory:					

#### Product: Jeans Price: 25 Quantity: 50 Product: T-shirt Price: 10 Quantity: 100

Capacity: full (maximum capacity is 150 items.)

Price: 35 BGN

#### **Output**

• You should only submit the solution.js file

Use the following **index.html** and the **solution.js** for the user interface implementation:

```
index.html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Online Shop</title>
    <style>
        .wrapper {
            margin: auto;
            width: 53%;
           border: 3px solid rgb(26, 26, 26);
           background-color: rgb(250, 250, 250);
            padding: 10px;
        #header {
            font-family: "Trebuchet MS", Helvetica, sans-serif;
            font-size: 300%;
            font-weight: bold;
            color: rgb(26, 26, 26);
            text-align: center;
            padding: 10px;
```

















```
list-style-type: none;
.block {
   display: inline-block;
   margin-left: 165px;
.field {
   font-family: "Trebuchet MS", Helvetica, sans-serif;
    font-size: 25px;
    color: rgb(26, 26, 26);
.custom-select {
    font-family: "Trebuchet MS", Helvetica, sans-serif;
    font-size: 20px;
   background-color: rgb(255, 255, 255);
    color: rgb(26, 26, 26);
   border: 1px solid rgb(26, 26, 26);
   padding: 2px;
   margin-top: 10px;
   width: 200px;
}
.input1 {
    width: 40px;
    font-family: "Trebuchet MS", Helvetica, sans-serif;
    font-size: 20px;
   border: 1px solid rgb(26, 26, 26);
   background-color: #ffffff;
    color: rgb(26, 26, 26);
   padding: 2px;
#capacity {
   width: 40px;
    font-size: 20px;
   padding: 2px;
    font-family: "Trebuchet MS", Helvetica, sans-serif;
}
#sum {
   width: 80px;
    font-size: 20px;
   padding: 2px;
   font-family: "Trebuchet MS", Helvetica, sans-serif;
   margin: 10px 10px;
.fullCapacity {
   width: 40px;
    font-size: 20px;
   padding: 2px;
    font-family: "Trebuchet MS", Helvetica, sans-serif;
    color: rgb(250, 0, 0);
   border: 1px solid #f07777b2;
   background-color: #f78989bb;
.display {
    font-family: "Trebuchet MS", Helvetica, sans-serif;
    font-size: 15px;
   border: 1px solid rgb(26, 26, 26);
   padding: 2px;
   background-color: #ffffff;
    color: rgb(26, 26, 26);
   margin-top: 5px;
```











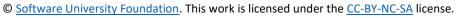




```
width: 100%;
            height: 300px;
        }
            font-family: "Trebuchet MS", Helvetica, sans-serif;
            font-size: 20px;
            color: rgb(26, 26, 26);
            margin-right: 10px;
        .button:enabled {
            font-family: "Trebuchet MS", Helvetica, sans-serif;
            font-size: 20px;
            cursor: pointer;
            border: 1px solid rgb(26, 26, 26);
            padding: 5px 15px;
            margin: 3px;
            border-radius: 8px;
        .button:disabled {
           background: rgb(248, 248, 248);
            cursor: pointer;
            color: rgb(216, 216, 216);
            font-size: 20px;
            padding: 5px 15px;
            font-family: "Trebuchet MS", Helvetica, sans-serif;
            margin: 3px;
            border: 1px solid rgb(26, 26, 26);
            border-radius: 8px;
    </style>
    <script src="https://code.jquery.com/jquery-3.1.1.min.js"></script>
</head>
<body>
<div class="wrapper">
<script src="solution.js"></script>
<script>onlineShop('.wrapper')</script>
```

```
solution.js
function onlineShop(selector) {
    let form = `<div id="header">Online Shop Inventory</div>
    <div class="block">
        <label class="field">Product details:</label>
        <input placeholder="Enter product" class="custom-select">
        <input class="input1" id="price" type="number" min="1" max="999999" value="1"><label</pre>
class="text">BGN</label>
       <input class="input1" id="quantity" type="number" min="1" value="1"><label</pre>
class="text">Qty.</label>
        <button id="submit" class="button" disabled>Submit/button>
        <br><br><br>>
        <label class="field">Inventory:</label>
        <br>
        <hr>>
        <label class="field">Capacity:</label><input id="capacity" readonly>
```

















```
<label class="field">(maximum capacity is 150 items.)</label>
    <label class="field">Price:</label><input id="sum" readonly>
    <label class="field">BGN</label>
</div>`;
$ (selector) .html (form);
// Write your code here
```

















