

## **Desafío - Usando DOM**

- Para realizar este desafío debes haber estudiado previamente todo el material disponibilizado correspondiente a la unidad.
- Una vez terminado el desafío, comprime la carpeta y sube el .zip

## Descripción

A partir del siguiente código HTML:

```
<html>
    <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1,</pre>
shrink-to-fit=no">
    <meta name="description" content="">
    <meta name="author" content="Mark Otto, Jacob Thornton, and Bootstrap
contributors">
    <meta name="generator" content="Jekyll v3.8.5">
    <title>Checkout example · Bootstrap</title>
    <link rel="canonical"</pre>
href="https://getbootstrap.com/docs/4.3/examples/checkout/">
    <!-- Bootstrap core CSS -->
    <link rel="stylesheet"</pre>
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css
" integrity="sha384-
ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
crossorigin="anonymous">
    <style>
      .bd-placeholder-img {
        font-size: 1.125rem;
        text-anchor: middle;
        -webkit-user-select: none;
        -moz-user-select: none;
        -ms-user-select: none;
        user-select: none;
      @media (min-width: 768px) {
        .bd-placeholder-img-lg {
```

```
font-size: 3.5rem;
        }
      }
    </style>
    <!-- Custom styles for this template -->
    <link href="form-validation.css" rel="stylesheet">
    </head>
    <body>
        <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"</pre>
integrity="sha384-
q8i/X+965Dz00rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
crossorigin="anonymous"></script>
        <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js
" integrity="sha384-
UO2eT0CpHqdSJQ6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIHNDz0W1"
crossorigin="anonymous"></script>
        <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"
integrity="sha384-
JjSmVgyd0p3pXB1rRibZUAY0IIy60rQ6VrjIEaFf/nJGzIxFDsf4x0xIM+B07jRM"
crossorigin="anonymous"></script>
        <script src="form-validation.js"></script>
    </body>
</html>
```

Crear sólo con manipulaciones del DOM usando Javascript una página HTML como la siguiente. Esta página puede ser visualizada en el siguiente <u>link</u>.

```
<!doctype html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1,</pre>
shrink-to-fit=no">
    <meta name="description" content="">
    <meta name="author" content="Mark Otto, Jacob Thornton, and Bootstrap</pre>
contributors">
    <meta name="generator" content="Jekyll v3.8.5">
    <title>Checkout example · Bootstrap</title>
    <link rel="canonical"</pre>
href="https://getbootstrap.com/docs/4.3/examples/checkout/">
    <!-- Bootstrap core CSS -->
<link href="/docs/4.3/dist/css/bootstrap.min.css" rel="stylesheet"</pre>
integrity="sha384-
ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQU0hcWr7x9JvoRxT2MZw1T"
crossorigin="anonymous">
    <style>
```

```
.bd-placeholder-img {
      font-size: 1.125rem;
      text-anchor: middle;
      -webkit-user-select: none;
      -moz-user-select: none;
      -ms-user-select: none;
      user-select: none;
     }
     @media (min-width: 768px) {
      .bd-placeholder-img-lg {
        font-size: 3.5rem;
      }
    }
   </style>
   <!-- Custom styles for this template -->
   <link href="form-validation.css" rel="stylesheet">
 </head>
 <body class="bg-light">
   <div class="container">
 <div class="py-5 text-center">
   <img class="d-block mx-auto mb-4" src="/docs/4.3/assets/brand/bootstrap-</pre>
solid.svg" alt="" width="72" height="72">
   <h2>Checkout form</h2>
   Below is an example form built entirely with Bootstrap's
form controls. Each required form group has a validation state that can be
triggered by attempting to submit the form without completing it.
 </div>
 <div class="row">
   <div class="col-md-4 order-md-2 mb-4">
     <h4 class="d-flex justify-content-between align-items-center mb-3">
      <span class="text-muted">Your cart</span>
      <span class="badge badge-secondary badge-pill">3</span>
     condensed">
        <div>
          <h6 class="my-0">Product name</h6>
          <small class="text-muted">Brief description</small>
        </div>
        <span class="text-muted">$12</span>
      condensed">
        <div>
          <h6 class="my-0">Second product</h6>
          <small class="text-muted">Brief description</small>
        </div>
        <span class="text-muted">$8</span>
      condensed">
        <div>
          <h6 class="my-0">Third item</h6>
          <small class="text-muted">Brief description</small>
        </div>
```

```
<span class="text-muted">$5</span>
       <div class="text-success">
           <h6 class="my-0">Promo code</h6>
           <small>EXAMPLECODE</small>
         </div>
         <span class="text-success">-$5</span>
       <span>Total (USD)</span>
         <strong>$20</strong>
       <form class="card p-2">
       <div class="input-group">
         <input type="text" class="form-control" placeholder="Promo code">
         <div class="input-group-append">
           <button type="submit" class="btn btn-secondary">Redeem/button>
         </div>
       </div>
     </form>
   </div>
   <div class="col-md-8 order-md-1">
     <h4 class="mb-3">Billing address</h4>
     <form class="needs-validation" novalidate>
       <div class="row">
         <div class="col-md-6 mb-3">
           <label for="firstName">First name</label>
           <input type="text" class="form-control" id="firstName"</pre>
placeholder="" value="" required>
           <div class="invalid-feedback">
            Valid first name is required.
           </div>
         </div>
         <div class="col-md-6 mb-3">
           <label for="lastName">Last name</label>
           <input type="text" class="form-control" id="lastName"</pre>
placeholder="" value="" required>
           <div class="invalid-feedback">
            Valid last name is required.
           </div>
         </div>
       </div>
       <div class="mb-3">
         <label for="username">Username</label>
         <div class="input-group">
           <div class="input-group-prepend">
             <span class="input-group-text">@</span>
           </div>
           <input type="text" class="form-control" id="username"</pre>
placeholder="Username" required>
           <div class="invalid-feedback" style="width: 100%;">
            Your username is required.
           </div>
         </div>
```

```
</div>
        <div class="mb-3">
          <label for="email">Email <span class="text-muted">(Optional)</span>
</label>
          <input type="email" class="form-control" id="email"</pre>
placeholder="you@example.com">
          <div class="invalid-feedback">
            Please enter a valid email address for shipping updates.
          </div>
        </div>
        <div class="mb-3">
          <label for="address">Address</label>
          <input type="text" class="form-control" id="address"</pre>
placeholder="1234 Main St" required>
          <div class="invalid-feedback">
            Please enter your shipping address.
        </div>
        <div class="mb-3">
          <label for="address2">Address 2 <span class="text-muted">(Optional)
</span></label>
          <input type="text" class="form-control" id="address2"</pre>
placeholder="Apartment or suite">
        </div>
        <div class="row">
          <div class="col-md-5 mb-3">
            <label for="country">Country</label>
            <select class="custom-select d-block w-100" id="country" required>
              <option value="">Choose...</option>
              <option>United States
            </select>
            <div class="invalid-feedback">
              Please select a valid country.
            </div>
          </div>
          <div class="col-md-4 mb-3">
            <label for="state">State</label>
            <select class="custom-select d-block w-100" id="state" required>
              <option value="">Choose...</option>
              <option>California</option>
            </select>
            <div class="invalid-feedback">
              Please provide a valid state.
            </div>
          </div>
          <div class="col-md-3 mb-3">
            <label for="zip">Zip</label>
            <input type="text" class="form-control" id="zip" placeholder=""</pre>
required>
            <div class="invalid-feedback">
              Zip code required.
            </div>
          </div>
        </div>
```

```
<hr class="mb-4">
        <div class="custom-control custom-checkbox">
          <input type="checkbox" class="custom-control-input" id="same-</pre>
address">
          <label class="custom-control-label" for="same-address">Shipping
address is the same as my billing address</label>
        </div>
        <div class="custom-control custom-checkbox">
          <input type="checkbox" class="custom-control-input" id="save-info">
          <label class="custom-control-label" for="save-info">Save this
information for next time</label>
        </div>
        <hr class="mb-4">
        <h4 class="mb-3">Payment</h4>
        <div class="d-block my-3">
          <div class="custom-control custom-radio">
            <input id="credit" name="paymentMethod" type="radio"</pre>
class="custom-control-input" checked required>
            <label class="custom-control-label" for="credit">Credit
card</label>
          <div class="custom-control custom-radio">
            <input id="debit" name="paymentMethod" type="radio" class="custom-</pre>
control-input" required>
            <label class="custom-control-label" for="debit">Debit card</label>
          <div class="custom-control custom-radio">
            <input id="paypal" name="paymentMethod" type="radio"</pre>
class="custom-control-input" required>
            <label class="custom-control-label" for="paypal">PayPal</label>
          </div>
        </div>
        <div class="row">
          <div class="col-md-6 mb-3">
            <label for="cc-name">Name on card</label>
            <input type="text" class="form-control" id="cc-name"</pre>
placeholder="" required>
            <small class="text-muted">Full name as displayed on card/small>
            <div class="invalid-feedback">
              Name on card is required
            </div>
          </div>
          <div class="col-md-6 mb-3">
            <label for="cc-number">Credit card number</label>
            <input type="text" class="form-control" id="cc-number"</pre>
placeholder="" required>
            <div class="invalid-feedback">
              Credit card number is required
            </div>
          </div>
        </div>
        <div class="row">
          <div class="col-md-3 mb-3">
            <label for="cc-expiration">Expiration</label>
            <input type="text" class="form-control" id="cc-expiration"</pre>
placeholder="" required>
```

```
<div class="invalid-feedback">
            Expiration date required
           </div>
         </div>
         <div class="col-md-3 mb-3">
           <label for="cc-cvv">CVV</label>
          <input type="text" class="form-control" id="cc-cvv" placeholder=""</pre>
required>
          <div class="invalid-feedback">
            Security code required
          </div>
         </div>
       </div>
       <hr class="mb-4">
       <button class="btn btn-primary btn-lg btn-block"</pre>
type="submit">Continue to checkout</button>
     </form>
   </div>
 </div>
 <footer class="my-5 pt-5 text-muted text-center text-small">
   © 2017-2019 Company Name
   <a href="#">Privacy</a>
     <a href="#">Terms</a>
     <a href="#">Support</a>
   </footer>
</div>
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"</pre>
integrity="sha384-
q8i/X+965Dz00rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
crossorigin="anonymous"></script>
     <script>window.jQuery || document.write('<script</pre>
src="/docs/4.3/assets/js/vendor/jquery-slim.min.js"><\/script>')</script>
<script src="/docs/4.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-</pre>
xrRywqdh3PHs8keKZN+8zzc5TX0GRTLCcmivcbNJWm2rs5C8PRhcEn3czEjhA09o"
crossorigin="anonymous"></script>
       <script src="form-validation.js"></script></body>
</html>
```

## **Instruciones**

- 1. Usar variables nemotécnicas.
- 2. Aplicar modularidad del código.
- 3. Respetar similitud con la página web objetivo.
- 4. Desarrollar una correcta identación.
- 5. Mantener consistencia con el uso de punto y coma.