

LOGIN VALIDATION

1. Buat file login.css dalam folder htdocs/latihan

```
* {
  padding: 0;
  margin: 0;
  box-sizing: border-box;
}

body {
  font-family: sans-serif;
  color: #333;
}

.container {
  margin: 30px auto;
  padding: 32px 44px;
  margin-bottom: 30px;
  background: #f5f5f5;
  border: 1px solid #ddd;
  border-radius: 3px;
  box-shadow: 1px 1px 1px #ddd;
  width: 300px;
  background: #f5f5f5;
}

label {
  display: block;
  margin-bottom: 6px;
}

input[type="text"],
input[type="password"] {
  width: 100%;
  border-radius: 4px;
  border: 1px solid #999;
  padding: 6px;
  margin-bottom: 12px;
  outline: none;
}

input[type="text"]:focus,
input[type="password"]:focus {
  border-color: #555;
}

input[type="submit"] {
  width: 100%;
  padding: 6px;
  font-size: 1em;
  background: #0092d8;
  border: 1px solid #0092d8;
  border-radius: 4px;
  outline: none;
  color: #fff;
}

input[type="submit"]:hover {
  cursor: pointer;
  background: #0376ad;
}

.error {
  border: 1px solid #ff6c6c;
  border-radius: 4px;
  padding: 12px;
  margin-bottom: 18px;
  background: #ff7272;
  color: #fff;
}
```

2. Buat file login.js dalam folder htdocs/latihan

```
var $form = document.querySelector('.form');
var $error = document.querySelector('.error');
var $inputFields = document.querySelectorAll('.input-field');
var $email = document.getElementById('email');
var $password = document.getElementById('password');

function addError(message) {
    $error.innerHTML = message;
    $error.style.display = 'block';
}

function removeError() {
    $error.innerHTML = '';
    $error.style.display = 'hidden';
}

function validate(event) {
    // event.preventDefault() untuk tidak menjalankan fungsi form apabila di submit, yaitu mengirim data ke 'action'.
    event.preventDefault();
    $error.style.display = 'none';

    if ($email.value !== 'dts2020' || $password.value !== '1234') {
        addError('Email atau password salah');
    } else {
        removeError();
        alert('Anda Berhasil Login!');
    }
}

$form.addEventListener('submit', validate);
```

3. Buat file login.php dalam folder htdocs/latihan

```
1 <!doctype html>
2 <html lang="en">
3
4 <head>
5     <meta charset="utf-8">
6     <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
7
8     <!-- link untuk loading bootstrap.css -->
9     <link rel="stylesheet" href="login.css">
10    <title>Contoh Bootstrap</title>
11 </head>
12
13 <body>
14     <div class="container">
15         <form action="" class="form">
16             <div class="error" style="display: none"></div>
17
18             <div class="input-field">
19                 <label for="email">Email</label>
20                 <input type="text" id="email" />
21             </div>
22
23             <div class="input-field">
24                 <label for="password">Password</label>
25                 <input type="password" id="password" />
26             </div>
27
28             <input type="submit" value="Login">
29         </form>
30     </div>
31
32     <script src="login.js"></script>
33 </body>
34
35 </html>
```

4. Jalankan file login.php melalui browser dengan alamat localhost/latihan/login.php.

ORDER FORM

1. Buat file order_form.css dalam folder htdocs/latihan

```
* {
    padding: 0;
    margin: 0;
    box-sizing: border-box;
}

body {
    font-family: sans-serif;
    text-align: center;
    color: #333;
    padding-bottom: 40px;
}

a,
a:visited {
    outline: none;
}

a:hover {
    text-decoration: none;
}

.app {
    position: relative;
    min-height: 500px;
    margin: 30px auto;
    padding: 32px;
    background: #f5f5f5;
    border: 1px solid #ddd;
    border-radius: 3px;
    box-shadow: 1px 1px 1px #ddd;
    width: 500px;
    background: #f5f5f5;
}

h1 {
    margin-bottom: 36px;
}

ul {
    width: 350px;
    margin: 0 auto;
    list-style: none;
}

ul li {
    margin-bottom: 8px;
    border: 1px solid #ddd;
    padding: 12px 16px;
    background: #fff;
    font-weight: bold;
    text-align: left;
}

ul li.is-active {
    color: #fff;
    background: #2ECC40;
    border-color: #27b137;
}

ul li.is-active:hover {
    background: #69d845;
}

ul li:hover {
    background: #f5f5f5;
    cursor: pointer;
}

ul li span {
    float: right;
}
```

```

.total {
  margin: 0 auto;
  width: 350px;
  padding: 20px 16px;
  font-weight: bold;
  font-size: 1.2em;
  text-align: left;
}

.total span {
  float: right;
}

```

2. Buat file order_form.js dalam folder htdocs/latihan

```

function hasClass(el, className) {
  if (el.classList)
    return el.classList.contains(className);
  return !!el.className.match(new RegExp('(\\s|^)' + className + '(\\s|$)'));
}

function addClass(el, className) {
  if (el.classList)
    return el.classList.add(className);
  else if (!hasClass(el, className))
    el.className += ' ' + className;
}

function removeClass(el, className) {
  if (el.classList)
    el.classList.remove(className);
  else if (hasClass(el, className)) {
    var reg = new RegExp('(\\s|^)' + className + '(\\s|$)');
    el.className = el.className.replace(reg, ' ');
  }
}

function currency(amount) {
  return 'Rp ' + amount;
}

var products = [
  {
    id: 1,
    name: 'Cappuccino',
    price: 35000,
    active: true,
  },
  {
    id: 2,
    name: 'Green Tea Latte',
    price: 40000,
    active: true,
  },
  {
    id: 3,
    name: 'Fish and Chips',
    price: 50000,
    active: true,
  },
  {
    id: 4,
    name: 'Tuna Sandwich',
    price: 45000,
    active: true,
  },
  {
    id: 5,
    name: 'Mineral Water',
    price: 8000,
    active: false,
  },
  {
    id: 6,
    name: 'French Fries',
    price: 18000,
    active: false,
  },
];

```

```

var total = 0;
var $app = document.querySelector('.app');

// Render title
function renderTitle(container) {
  var $title = document.createElement('h1');
  $title.innerHTML = 'Pesanan';
  container.appendChild($title);
}

function addTotal(product, total, isAdd) {
  if (isAdd) {
    total += product.price;
  } else {
    total -= product.price;
  }
  return total;
}

// Render list
function renderList(container, products) {
  var $orderList = document.createElement('ul');

  // Loop products, buat elemen tiap produk lalu append ke orderList
  products.forEach(function (product) {
    var $product = document.createElement('li');
    var $productPrice = document.createElement('span');

    $productPrice.innerHTML = currency(product.price);
    $product.innerHTML = product.name;
    $product.appendChild($productPrice);

    $orderList.appendChild($product);

    // Tambah event handler ketika produk di klik
    $product.addEventListener('click', function (event) {

      // isAdd untuk menentukan apakah operasi berikutnya adalah
      // operasi penambahan atau pengurangan
      var isAdd = !hasClass($product, 'is-active');

      // Kita tambah atau buang class is-active sesuai operasi yang
      // akan dilakukan
      if (isAdd) {
        addClass($product, 'is-active');
      } else {
        removeClass($product, 'is-active');
      }

      // Mendapatkan nilai total yang baru dari fungsi addTotal
      total = addTotal(product, total, isAdd);

      // Perbarui nilai total di DOM
      var $total = document.querySelector('.total span');
      $total.innerHTML = currency(total);
    });
  });

  container.appendChild($orderList);
}

```

```

// Render Total
function renderTotalContainer(container, total) {
  var $totalContainer = document.createElement('div');
  addClass($totalContainer, 'total');

  $totalContainer.innerHTML = 'Total: ';

  var $total = document.createElement('span');
  $total.innerHTML = currency(total);
  $totalContainer.appendChild($total);

  container.appendChild($totalContainer);
}

// Render title, list, dan totalContainer
renderTitle($app);
renderList($app, products);
renderTotalContainer($app, total);

// querySelectorAll untuk mendapat semua DOM Node yang sesuai dengan selector
// yang diberikan. Kemudian kita bisa menggunakan loop (forEach) untuk mendapat
// setiap DOM Node nya.
var $products = document.querySelectorAll('li');
$products.forEach(function ($product, index) {

  // Kita pilih 2 order teratas dengan men-trigger event click
  if (index < 2) {
    $product.dispatchEvent(new Event('click'));
  }
});

```

3. Buat file order_form.php dalam folder htdocs/latihan

```

1 <!doctype html>
2 <html lang="en">
3
4 <head>
5   <link rel="stylesheet" href="order_form.css">
6   <title>Pertemuan 7 | Order Form</title>
7 </head>
8
9 <body>
10   <div class="app"></div>
11
12   <script src="order_form.js"></script>
13 </body>
14
15 </html>

```

4. Jalankan file order_form.php melalui browser dengan alamat localhost/latihan/order_form.php.