

---

# Card

# Card

---

## ❖ .card, .card-body

Basic card

```
<div class="card">  
  <div class="card-body">Basic card</div>  
</div>
```

# Card

---

## ❖ .card-header, .card-footer

Header
Content
Footer

```
<div class="card">  
  <div class="card-header">Header</div>  
  <div class="card-body">Content</div>  
  <div class="card-footer">Footer</div>  
</div>
```

# Card

---

## ❖ .bg-\* : 배경색 설정

```
<div class="card bg-primary text-white">  
  <div class="card-body">Primary card</div>  
</div>
```

```
<div class="card bg-success text-white">  
  <div class="card-body">Success card</div>  
</div>
```

# Card

---

## ❖ .card-title, .card-text, .card-link

Card title

Some example text. Some example text.

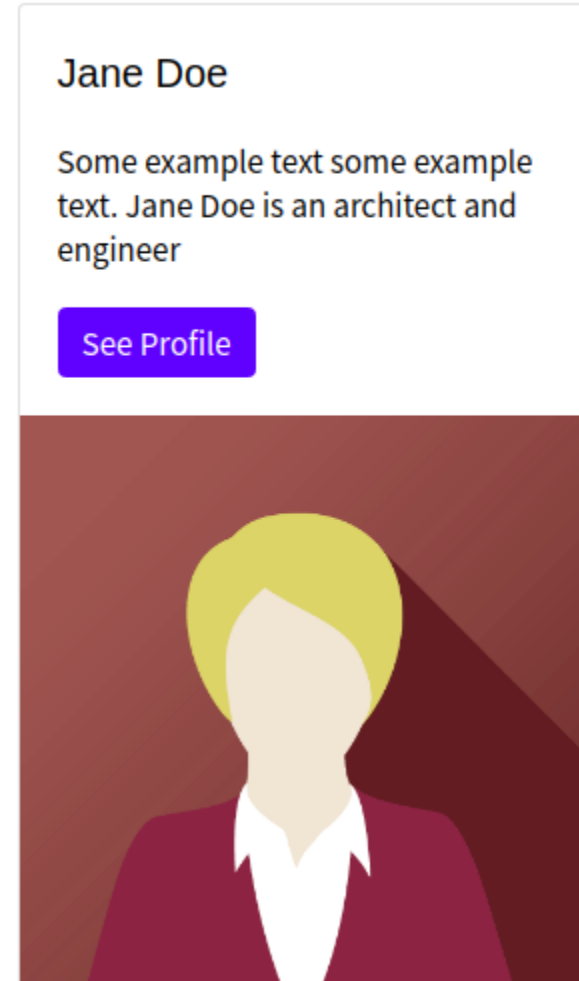
[Card link](#) [Another link](#)

```
<div class="card">
  <div class="card-body">
    <h4 class="card-title">Card title</h4>
    <p class="card-text">Some example text. Some example text.</p>
    <a href="#" class="card-link">Card link</a>
    <a href="#" class="card-link">Another link</a>
  </div>
</div>
```

# Card

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## ❖ .card-img-top, .card-img-bottom : 카드 이미지



# Card

---

## ❖ .card-img-top, .card-img-bottom : 카드 이미지

```
<div class="card" style="width:400px">
  
  <div class="card-body">
    <h4 class="card-title">John Doe</h4>
    <p class="card-text">Some example text.</p>
    <a href="#" class="btn btn-primary">See Profile</a>
  </div>
</div>
```

```
<div class="card" style="width:400px">
  <div class="card-body">
    <h4 class="card-title">John Doe</h4>
    <p class="card-text">Some example text.</p>
    <a href="#" class="btn btn-primary">See Profile</a>
  </div>
  
</div>
```

# Card

---

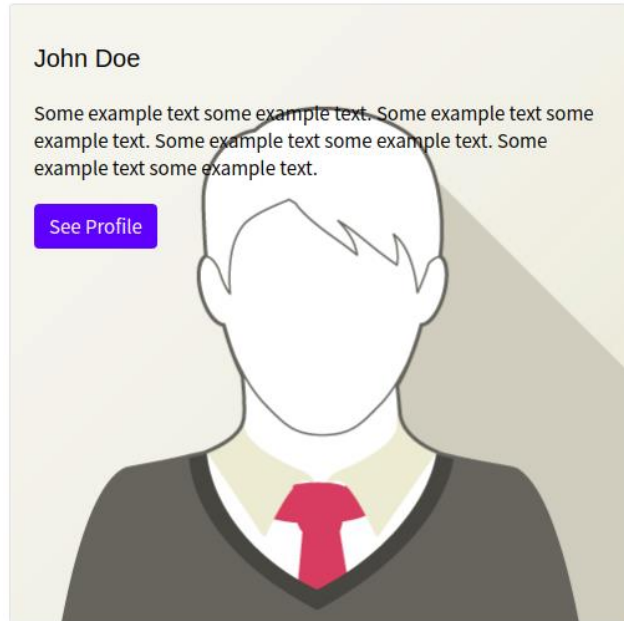
## ❖ **.stretched-link** : 링크의 영역을 카드 전체로 확장

```
<div class="card" style="width:400px">
  
  <div class="card-body">
    <h4 class="card-title">John Doe</h4>
    <p class="card-text">Some example text.</p>
    <a href="#" class="btn btn-primary stretched-link">
      See Profile</a>
  </div>
</div>
```



# Card

## ❖ .card-img-overlay : 이미지 중첩

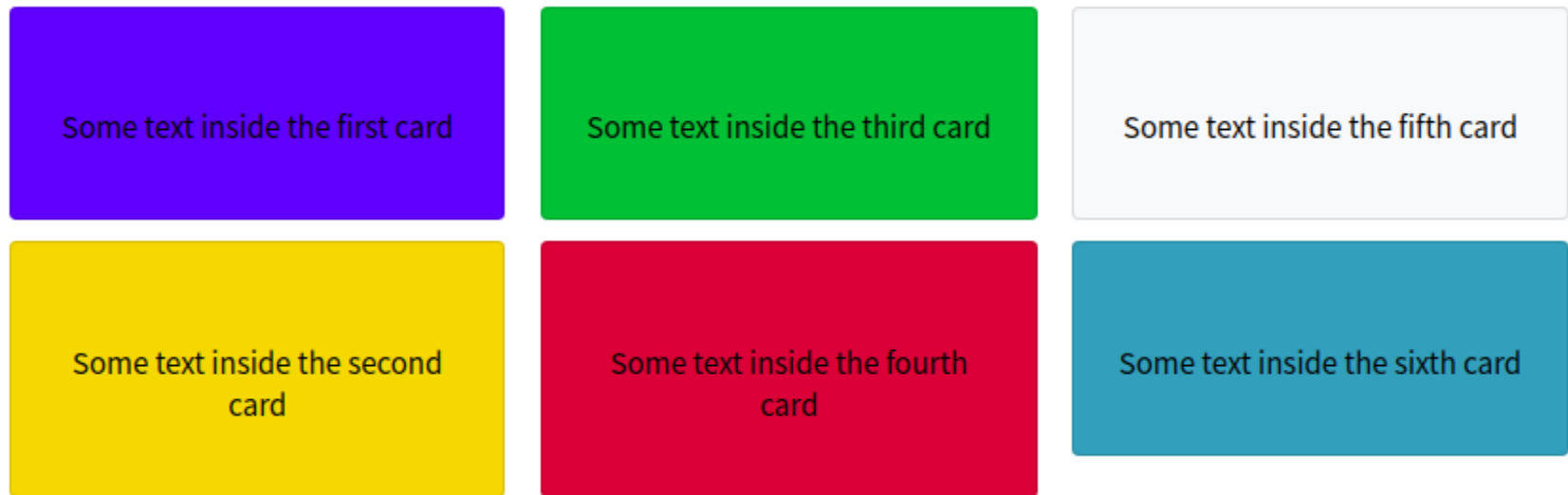


```
<div class="card" style="width:500px">
  
  <div class="card-img-overlay">
    <h4 class="card-title">John Doe</h4>
    <p class="card-text">Some example text.</p>
    <a href="#" class="btn btn-primary">See Profile</a>
  </div>
</div>
```

# Card

---

## ❖ .card-columns

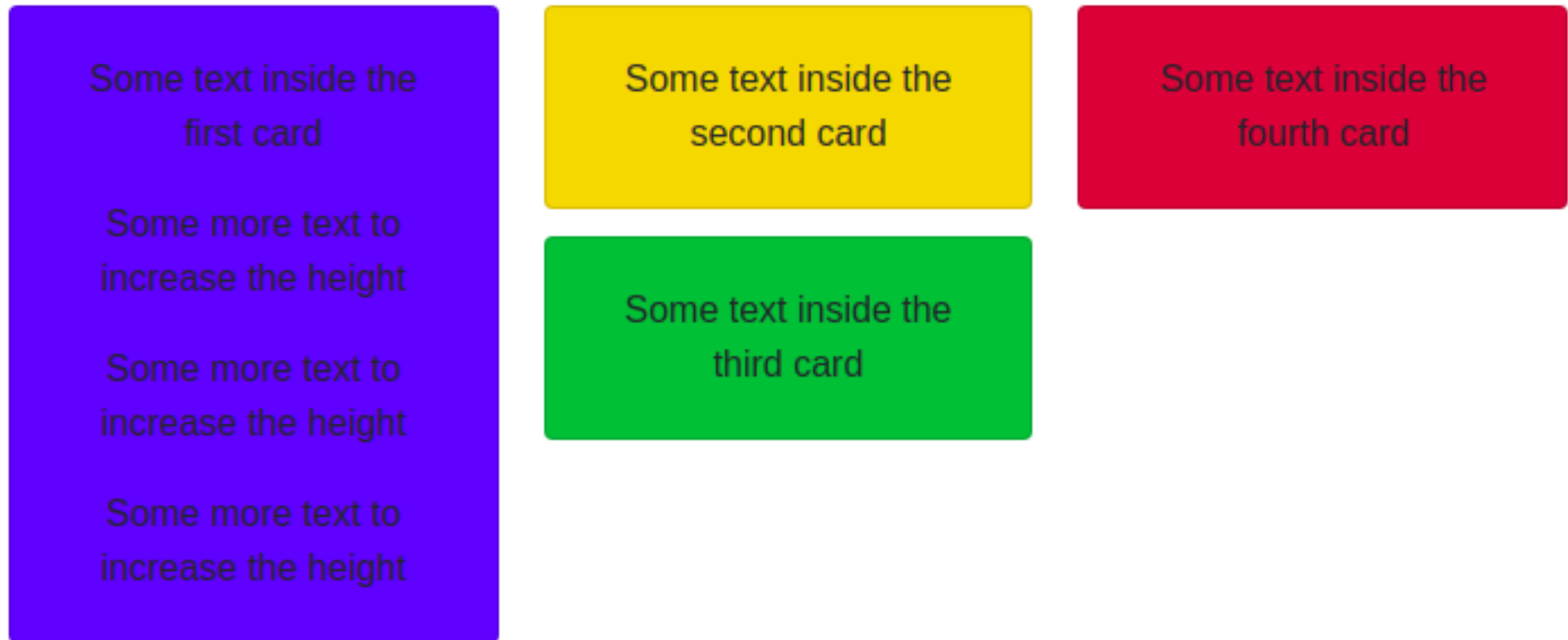




# Card

---

## ❖ .card-columns



# Card

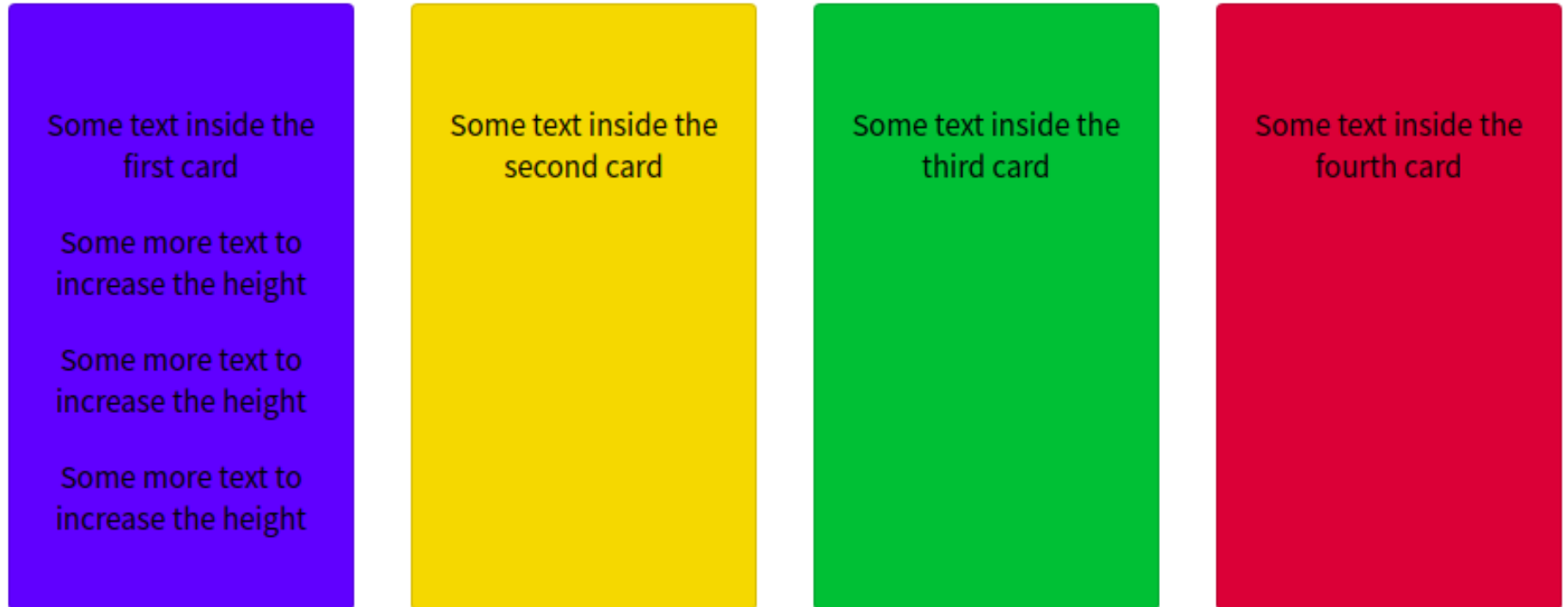
---

```
<div class="card-columns">
  <div class="card bg-primary">
    <div class="card-body text-center">
      <p class="card-text">Some text inside the first card ... </p>
    </div>
  </div>
  <div class="card bg-warning">
    <div class="card-body text-center">
      <p class="card-text">Some text inside the second card</p>
    </div>
  </div>
  <div class="card bg-success">
    <div class="card-body text-center">
      <p class="card-text">Some text inside the third card</p>
    </div>
  </div>
  :
  <div class="card bg-info">
    <div class="card-body text-center">
      <p class="card-text">Some text inside the sixth card</p>
    </div>
  </div>
</div>
```

# Card

---

## ❖ .card-deck

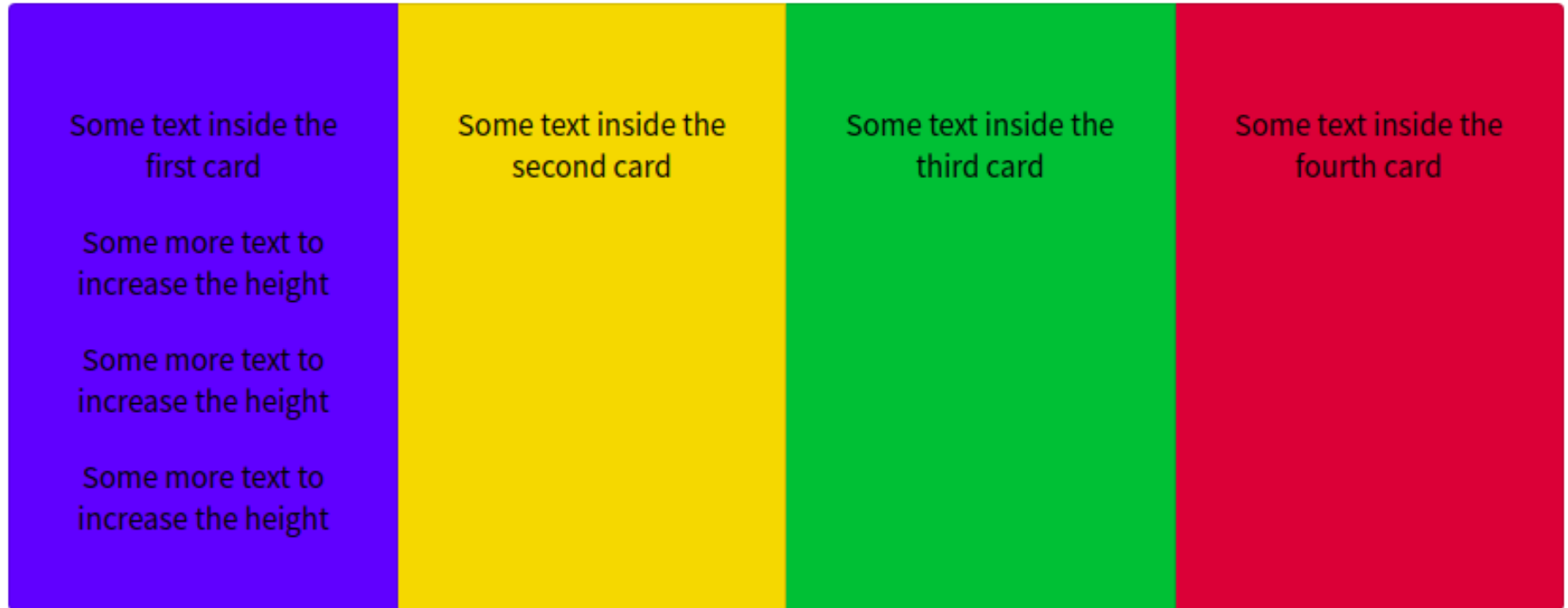




# Card

---

## ❖ .card-group





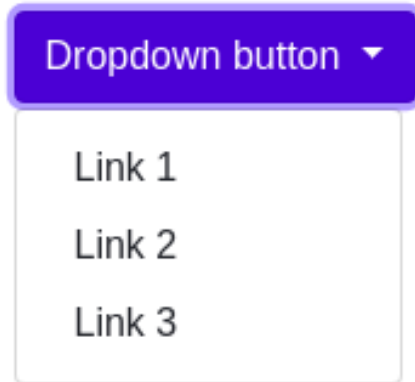


---

# Dropdown

# Dropdown

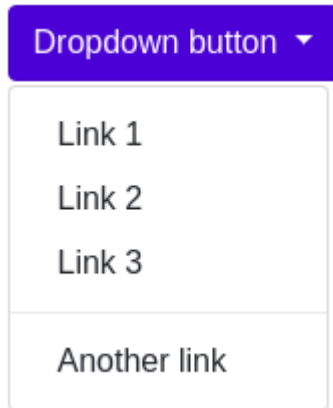
## ❖ .dropdown



```
<div class="dropdown">
  <button type="button" class="btn btn-primary dropdown-toggle"
    data-toggle="dropdown">
    Dropdown button
  </button>
  <div class="dropdown-menu">
    <a class="dropdown-item" href="#">Link 1</a>
    <a class="dropdown-item" href="#">Link 2</a>
    <a class="dropdown-item" href="#">Link 3</a>
  </div>
</div>
```

# Dropdown

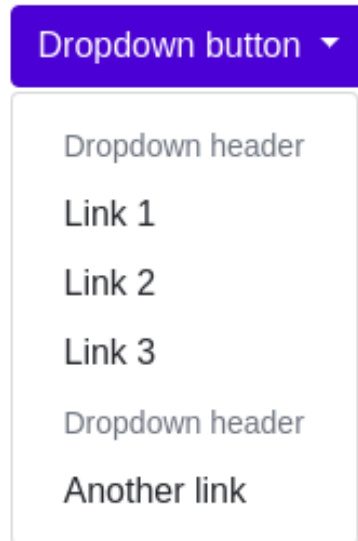
## ❖ .dropdown-divider



```
<div class="dropdown">
  <button type="button"
    class="btn btn-primary dropdown-toggle"
    data-toggle="dropdown">
    Dropdown button
  </button>
  <div class="dropdown-menu">
    <a class="dropdown-item" href="#">Link 1</a>
    <a class="dropdown-item" href="#">Link 2</a>
    <a class="dropdown-item" href="#">Link 3</a>
    <div class="dropdown-divider"></div>
    <a class="dropdown-item" href="#">Another link</a>
  </div>
</div>
```

# Dropdown

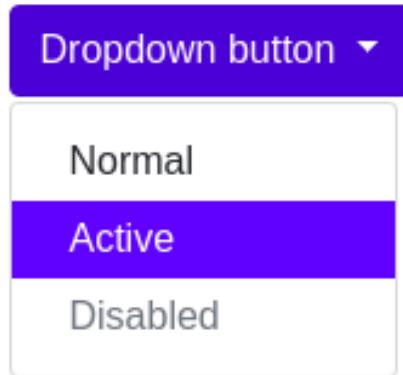
## ❖ .dropdown-header



```
<div class="dropdown">
  <button type="button"
    class="btn btn-primary dropdown-toggle" data-toggle="dropdown">
    Dropdown button </button>
  <div class="dropdown-menu">
    <h5 class="dropdown-header">Dropdown header</h5>
    <a class="dropdown-item" href="#">Link 1</a>
    <a class="dropdown-item" href="#">Link 2</a>
    <a class="dropdown-item" href="#">Link 3</a>
    <h5 class="dropdown-header">Dropdown header</h5>
    <a class="dropdown-item" href="#">Another link</a>
  </div>
</div>
```

# Dropdown

## ❖ .active, .disabled

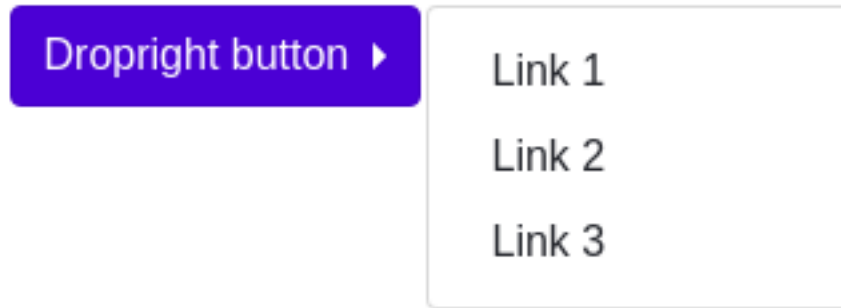


```
<div class="dropdown">
  <button type="button"
    class="btn btn-primary dropdown-toggle" data-toggle="dropdown">
    Dropdown button
  </button>
  <div class="dropdown-menu">
    <a class="dropdown-item" href="#">Normal</a>
    <a class="dropdown-item active" href="#">Active</a>
    <a class="dropdown-item disabled" href="#">Disabled</a>
  </div>
</div>
```

# Dropdown

---

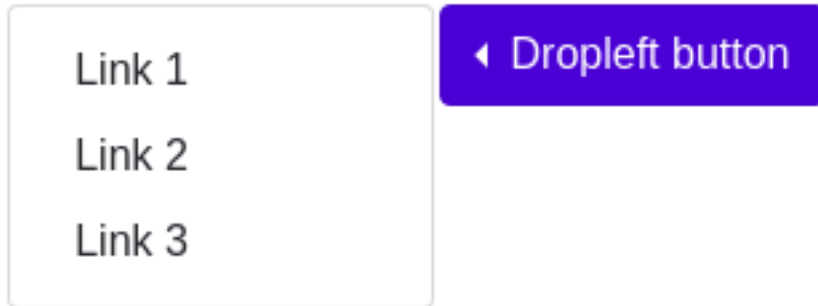
## ❖ .dropright, .dropleft



```
<div class="dropdown dropright">
  <button type="button"
    class="btn btn-primary dropdown-toggle" data-toggle="dropdown">
    Dropright button
  </button>
  <div class="dropdown-menu">
    <a class="dropdown-item" href="#">Link 1</a>
    <a class="dropdown-item" href="#">Link 2</a>
    <a class="dropdown-item" href="#">Link 3</a>
  </div>
</div>
```

# Dropdown

## ❖ .dropright, .dropleft



```
<div class="dropdown dropleft float-right">
  <button type="button"
    class="btn btn-primary dropdown-toggle" data-toggle="dropdown">
    Dropleft button
  </button>
  <div class="dropdown-menu">
    <a class="dropdown-item" href="#">Link 1</a>
    <a class="dropdown-item" href="#">Link 2</a>
    <a class="dropdown-item" href="#">Link 3</a>
  </div>
</div>
```



# Dropdown

## ❖ .dropup



```
<div class="dropup">
  <button type="button"
    class="btn btn-primary dropdown-toggle"
    data-toggle="dropdown">
    Dropup button
  </button>
  <div class="dropdown-menu">
    <a class="dropdown-item" href="#">Link 1</a>
    <a class="dropdown-item" href="#">Link 2</a>
  </div>
</div>
```

# Dropdown

---

## ❖ .dropdown-item-text

```
<div class="dropdown-menu">  
  <a class="dropdown-item" href="#">Link 1</a>  
  <a class="dropdown-item" href="#">Link 2</a>  
  <a class="dropdown-item-text" href="#">Text Link</a>  
  <span class="dropdown-item-text">Just Text</span>  
</div>
```

# Dropdown

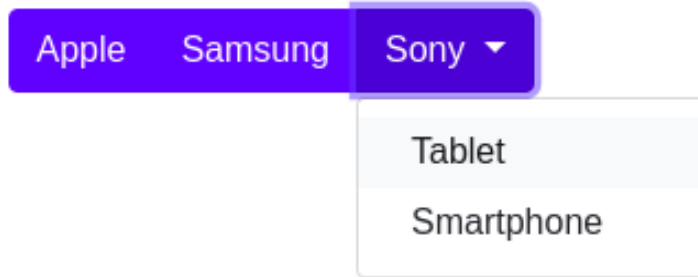
## ❖ .dropdown-toggle-split



```
<div class="btn-group">
  <button type="button" class="btn btn-primary">Primary</button>
  <button type="button"
    class="btn btn-primary dropdown-toggle dropdown-toggle-split"
    data-toggle="dropdown">
</button>
  <div class="dropdown-menu">
    <a class="dropdown-item" href="#">Link 1</a>
    <a class="dropdown-item" href="#">Link 2</a>
  </div>
</div>
```

# Dropdown

## ❖ .btn-group



```
<div class="btn-group">
  <button type="button" class="btn btn-primary">Apple</button>
  <button type="button" class="btn btn-primary">Samsung</button>
  <div class="btn-group">
    <button type="button"
      class="btn btn-primary dropdown-toggle"
      data-toggle="dropdown">
      Sony
    </button>
    <div class="dropdown-menu">
      <a class="dropdown-item" href="#">Tablet</a>
      <a class="dropdown-item" href="#">Smartphone</a>
    </div>
  </div>
</div>
```

---

# Navs

# Navs

---

## ❖ .nav, .nav-item, .nav-link

Link   Link   Link   Disabled

```
<ul class="nav">
  <li class="nav-item">
    <a class="nav-link" href="#">Link</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" href="#">Link</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" href="#">Link</a>
  </li>
  <li class="nav-item">
    <a class="nav-link disabled" href="#">Disabled</a>
  </li>
</ul>
```

# Navs

---

## ❖ .ustify-content-center, .ustify-content-end : 정렬

Link Link Link Disabled

Link Link Link Disabled

```
<!-- 중앙 정렬 nav -->
<ul class="nav justify-content-center">

<!-- 우측 정렬 nav -->
<ul class="nav justify-content-end">
```

# Navs

---

## ❖ .flex-column

Link

Link

Link

Disabled

```
<ul class="nav flex-column">
  <li class="nav-item">
    <a class="nav-link" href="#">Link</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" href="#">Link</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" href="#">Link</a>
  </li>
  <li class="nav-item">
    <a class="nav-link disabled" href="#">Disabled</a>
  </li>
</ul>
```



# Navs

---

## ❖ .nav-tabs, .active



```
<ul class="nav nav-tabs">
  <li class="nav-item">
    <a class="nav-link active" href="#">Active</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" href="#">Link</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" href="#">Link</a>
  </li>
  <li class="nav-item">
    <a class="nav-link disabled" href="#">Disabled</a>
  </li>
</ul>
```

# Navs

---

## ❖ .nav-pills



```
<ul class="nav nav-pills">
  <li class="nav-item">
    <a class="nav-link active" href="#">Active</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" href="#">Link</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" href="#">Link</a>
  </li>
  <li class="nav-item">
    <a class="nav-link disabled" href="#">Disabled</a>
  </li>
</ul>
```

# Navs

---

## ❖ .nav-justified : 균등 분할

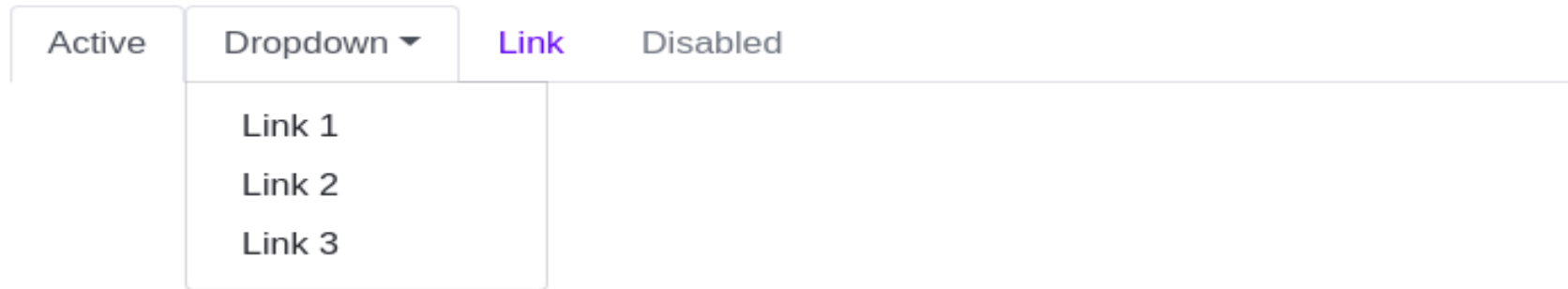
Active	Link	Link	Disabled
Active	Link	Link	Disabled

```
<ul class="nav nav-pills nav-justified">..</ul>
```

```
<ul class="nav nav-tabs nav-justified">..</ul>
```

# Navs

## ❖ 드롭다운 탭



```
<ul class="nav nav-tabs">
  <li class="nav-item"><a class="nav-link active" href="#">Active</a></li>
  <li class="nav-item dropdown">
    <a class="nav-link dropdown-toggle" data-toggle="dropdown"
      href="#">Dropdown</a>
    <div class="dropdown-menu">
      <a class="dropdown-item" href="#">Link 1</a>
      <a class="dropdown-item" href="#">Link 2</a>
      <a class="dropdown-item" href="#">Link 3</a>
    </div>
  </li>
  <li class="nav-item"><a class="nav-link" href="#">Link</a></li>
  <li class="nav-item"><a class="nav-link disabled" href="#">Disabled</a></li>
</ul>
```

# Navs

---

## ❖ Toggleable / Dynamic Tabs

```
<!-- Nav tabs -->
<ul class="nav nav-tabs">
  <li class="nav-item">
    <a class="nav-link active" data-toggle="tab" href="#home">
      Home</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" data-toggle="tab" href="#menu1">Menu 1</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" data-toggle="tab" href="#menu2">Menu 2</a>
  </li>
</ul>

<!-- Tab panes -->
<div class="tab-content">
  <div class="tab-pane container active" id="home">...</div>
  <div class="tab-pane container fade" id="menu1">...</div>
  <div class="tab-pane container fade" id="menu2">...</div>
</div>
```

---

# Navbar

# Navbar

---

## ❖ .navbar, .navbar-expand-sm

- navbar-nav
- nav-item
- nav-link

Link1 Link2 Link3

```
<nav class="navbar navbar-expand-sm bg-light">
  <!-- Links -->
  <ul class="navbar-nav">
    <li class="nav-item">
      <a class="nav-link" href="#">Link 1</a>
    </li>
    <li class="nav-item">
      <a class="nav-link" href="#">Link 2</a>
    </li>
    <li class="nav-item">
      <a class="nav-link" href="#">Link 3</a>
    </li>
  </ul>
</nav>
```

# Navbar

---

## ❖ 수직 메뉴 : navbar-expand-\* 제외

Link 1

Link 2

Link 3

```
<nav class="navbar bg-light">
```

```
...
```

```
</nav>
```



# Navbar

---

## ❖ .justify-content-center : 중앙 정렬 메뉴

Link 1 Link 2 Link 3

```
<nav class="navbar navbar-expand-sm bg-light justify-content-center">  
  ...  
</nav>
```

# Navbar

## ❖ .bg-\*, .navbar-light, .navbar-dark : 배경색상

Active Link Link Disabled

Active Link Link Disabled

Active Link Link Disabled

```
<!-- Grey with black text -->
<nav class="navbar navbar-expand-sm bg-light navbar-light">...</nav>

<!-- Black with white text -->
<nav class="navbar navbar-expand-sm bg-dark navbar-dark">...</nav>

<!-- Blue with white text -->
<nav class="navbar navbar-expand-sm bg-primary navbar-dark">...</nav>
```

# Navbar

## ❖ .navbar-brand

Logo Link 1 Link 2 Link 3

```
<nav class="navbar navbar-expand-sm bg-dark navbar-dark">  
  <a class="navbar-brand" href="#">Logo</a>  
  ...  
</nav>
```



Link 1 Link 2 Link 3

```
<nav class="navbar navbar-expand-sm bg-dark navbar-dark">  
  <a class="navbar-brand" href="#">  
      
  </a>  
  ...  
</nav>
```

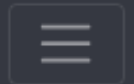
# Navbar

---

## ❖ .collapse, .navbar-collapse 오버플로우 버튼

- 오버플로 버튼
  - `class="navbar-toggler"`
  - `data-toggle="collapse"`
  - `data-target="#collapsibleNavbar"`
- 메뉴 아이템 영역
  - `class="collapse navbar-collapse"`
  - `id="collapsibleNavbar"`

Navbar



# Navbar

## ❖ .collapse, .navbar-collapse 오버플로우 버튼



```
<nav class="navbar navbar-expand-md bg-dark navbar-dark">
  <!-- Brand -->
  <a class="navbar-brand" href="#">Navbar</a>

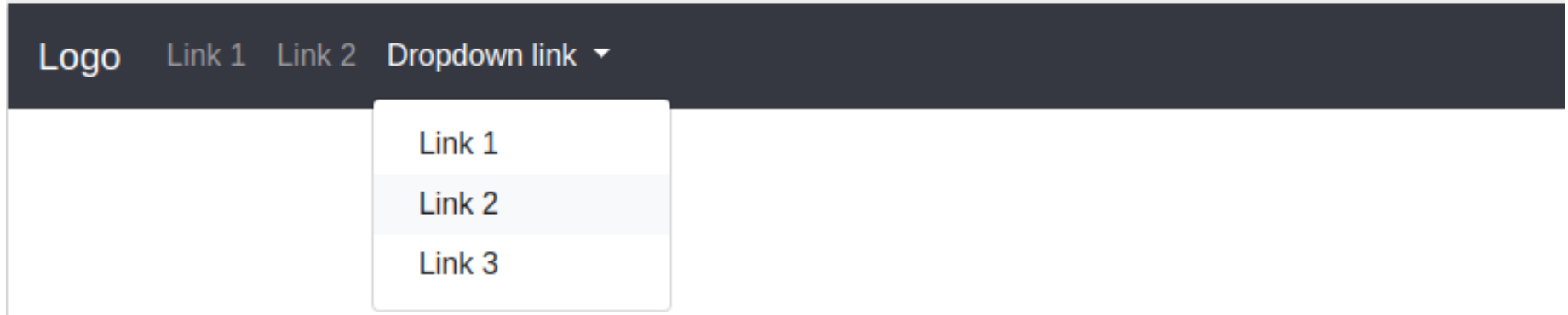
  <!-- Toggler/collapsible Button -->
  <button class="navbar-toggler" type="button"
    data-toggle="collapse" data-target="#collapsibleNavbar">
    <span class="navbar-toggler-icon"></span>
  </button>

  <!-- Navbar links -->
  <div class="collapse navbar-collapse" id="collapsibleNavbar">
    <ul class="navbar-nav">
      <li class="nav-item"><a class="nav-link" href="#">Link</a></li>
      <li class="nav-item"><a class="nav-link" href="#">Link</a></li>
      <li class="nav-item"><a class="nav-link" href="#">Link</a></li>
    </ul>
  </div>
</nav>
```

# Navbar

---

## ❖ 드롭다운 메뉴



# Navbar

## ❖ 드롭다운 메뉴

```
<nav class="navbar navbar-expand-sm bg-dark navbar-dark">
  <a class="navbar-brand" href="#">Logo</a>

  <ul class="navbar-nav">
    <li class="nav-item"><a class="nav-link" href="#">Link 1</a></li>
    <li class="nav-item"><a class="nav-link" href="#">Link 2</a></li>

    <!-- Dropdown -->
    <li class="nav-item dropdown">
      <a class="nav-link dropdown-toggle" href="#" id="navbardrop"
        data-toggle="dropdown">Dropdown link</a>
      <div class="dropdown-menu">
        <a class="dropdown-item" href="#">Link 1</a>
        <a class="dropdown-item" href="#">Link 2</a>
        <a class="dropdown-item" href="#">Link 3</a>
      </div>
    </li>
  </ul>
</nav>
```

# Navbar

---

## ❖ Navbar Forms and Buttons



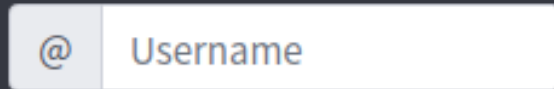
A dark-themed navbar (background color: #343a40) containing a search form. The form consists of a white text input field with the placeholder text "Search" and a green submit button with the text "Search".

```
<nav class="navbar navbar-expand-sm bg-dark navbar-dark">
  <form class="form-inline" action="/action_page.php">
    <input class="form-control mr-sm-2" type="text" placeholder="Search">
    <button class="btn btn-success" type="submit">Search</button>
  </form>
</nav>
```



# Navbar

## ❖ Navbar Forms and Buttons



A dark-themed navbar with a form. The form consists of a light gray box containing an '@' symbol on the left and a text input field with the placeholder text 'Username' on the right.

```
<nav class="navbar navbar-expand-sm bg-dark navbar-dark">
  <form class="form-inline" action="/action_page.php">
    <div class="input-group">
      <div class="input-group-prepend">
        <span class="input-group-text">@</span>
      </div>
      <input type="text" class="form-control" placeholder="Username">
    </div>
  </form>
</nav>
```

# Navbar

## ❖ .navbar-text : 일반 텍스트

Link 1 Link 2 Navbar text

```
<nav class="navbar navbar-expand-sm bg-dark navbar-dark">

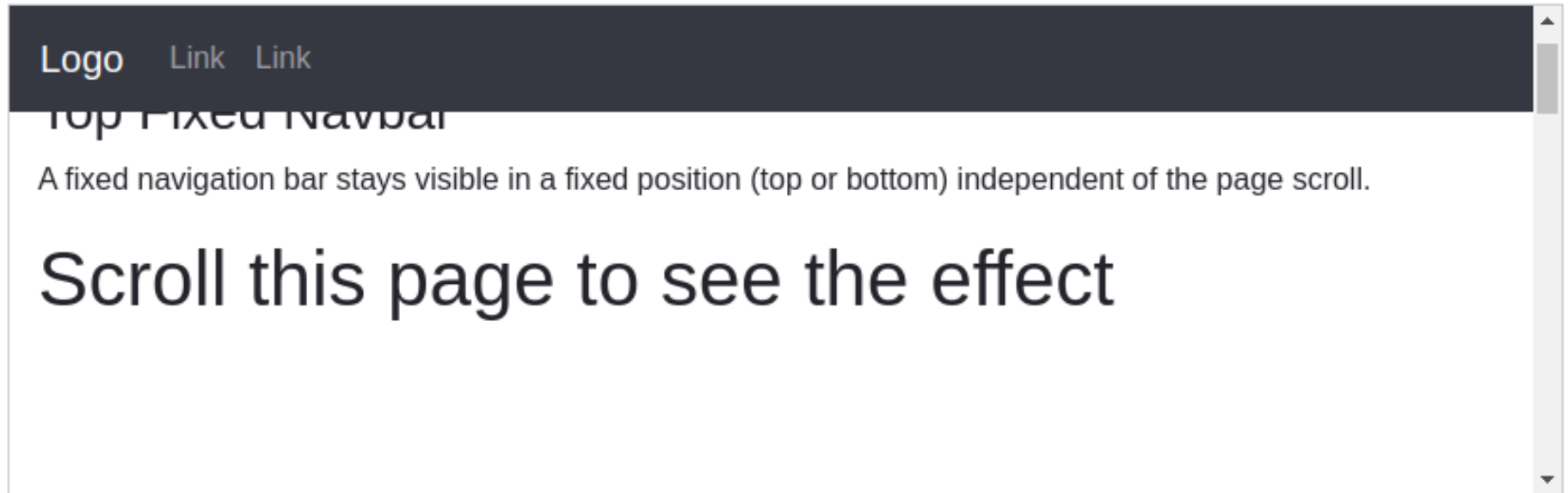
<!-- Links -->
  <ul class="navbar-nav">
    <li class="nav-item">
      <a class="nav-link" href="#">Link 1</a>
    </li>
    <li class="nav-item">
      <a class="nav-link" href="#">Link 2</a>
    </li>
  </ul>

  <!-- Navbar text-->
  <span class="navbar-text">Navbar text</span>

</nav>
```

# Navbar

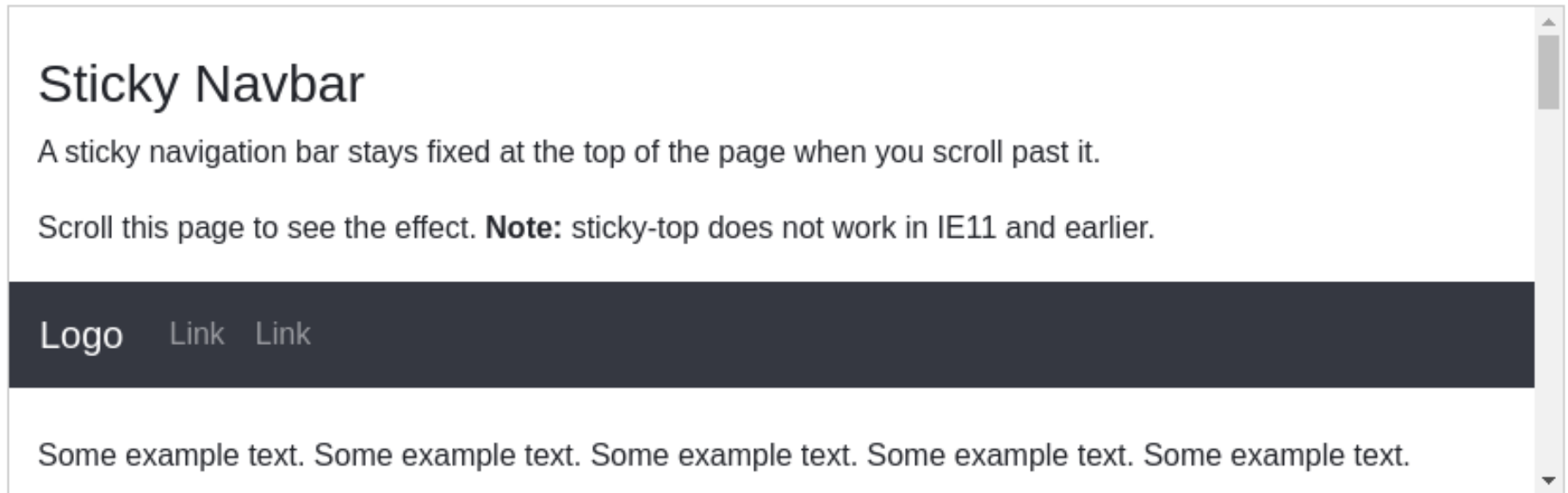
## ❖ .fixed-top, .fixed-bottom: 메뉴 고정하기



```
<nav class="navbar navbar-expand-sm bg-dark navbar-dark fixed-top">  
  ...  
</nav>
```

# Navbar

## ❖ .sticky-top : 스크롤 가능, 메뉴 고정하기



```
<nav class="navbar navbar-expand-sm bg-dark navbar-dark sticky-top">  
  ...  
</nav>
```

---

# Form

# Form

---

## ❖ Stacked Form(디폴트)

Email:

Password:

☐ Remember me

Submit

# Form

---

## ❖ Stacked Form

```
<form action="/action_page.php">
  <div class="form-group">
    <label for="email">Email address:</label>
    <input type="email" class="form-control"
      placeholder="Enter email" id="email">
  </div>

  <div class="form-group">
    <label for="pwd">Password:</label>
    <input type="password" class="form-control"
      placeholder="Enter password" id="pwd">
  </div>

  <div class="form-group form-check">
    <label class="form-check-label">
      <input type="checkbox" class="form-check-input"> Remember me
    </label>
  </div>

  <button type="submit" class="btn btn-primary">Submit</button>
</form>
```

# Form

## ❖ .form-inline

Email:  Password:  ☐ Remember me

```
<form class="form-inline" action="/action_page.php">
  <label for="email" class="mr-sm-2">Email address:</label>
  <input type="email" class="form-control mb-2 mr-sm-2"
    placeholder="Enter email" id="email">

  <label for="pwd" class="mr-sm-2">Password:</label>
  <input type="password" class="form-control mb-2 mr-sm-2"
    placeholder="Enter password" id="pwd">

  <div class="form-check mb-2 mr-sm-2">
    <label class="form-check-label">
      <input class="form-check-input" type="checkbox"> Remember me
    </label>
  </div>

  <button type="submit" class="btn btn-primary mb-2">Submit</button>
</form>
```



# Form

---

## ❖ .row, .form-row(마진이 더 작음)

```
<form>
  <div class="form-row">
    <div class="col">
      <input type="text" class="form-control" id="email"
        placeholder="Enter email" name="email">
    </div>
    <div class="col">
      <input type="password" class="form-control"
        placeholder="Enter password" name="pswd">
    </div>
  </div>
</form>
```

# Form

## ❖ .was-validated : 폼 유효성 검사

Username:

Please fill out this field.

Password:

Please fill out this field.

☐ I agree on blabla.

Check this checkbox to continue.

```
<form action="/action_page.php" class="was-validated">
  <div class="form-group">
    <label for="uname">Username:</label>
    <input type="text" class="form-control" id="uname"
      placeholder="Enter username" name="uname" required>
    <div class="valid-feedback">Valid.</div>
    <div class="invalid-feedback">Please fill out this field.</div>
  </div>
```

# Form

## ❖ .was-validated : 폼 유효성 검사

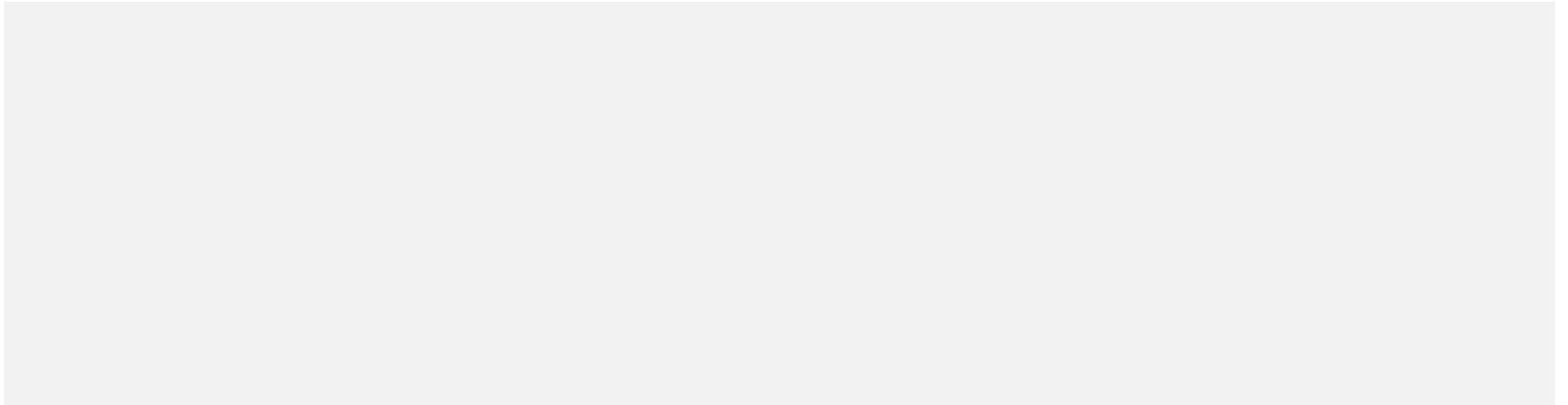
```
<div class="form-group">
  <label for="pwd">Password:</label>
  <input type="password" class="form-control" id="pwd"
    placeholder="Enter password" name="pswd" required>
  <div class="valid-feedback">Valid.</div>
  <div class="invalid-feedback">Please fill out this field.</div>
</div>

<div class="form-group form-check">
  <label class="form-check-label">
    <input class="form-check-input" type="checkbox" name="remember"
      required> I agree on blabla
    <div class="valid-feedback">Valid.</div>
    <div class="invalid-feedback">Check this checkbox to continue.</div>
  </label>
</div>

<button type="submit" class="btn btn-primary">Submit</button>
</form>
```

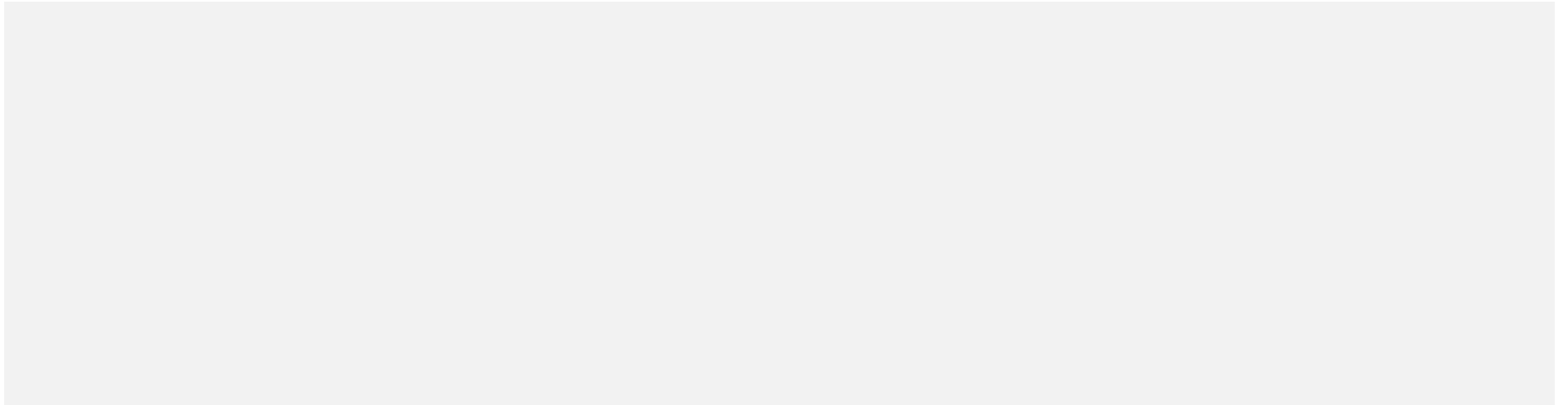
# Form

---

A large, empty light gray rectangular box representing a form area, occupying the central portion of the page below the title and above the footer.

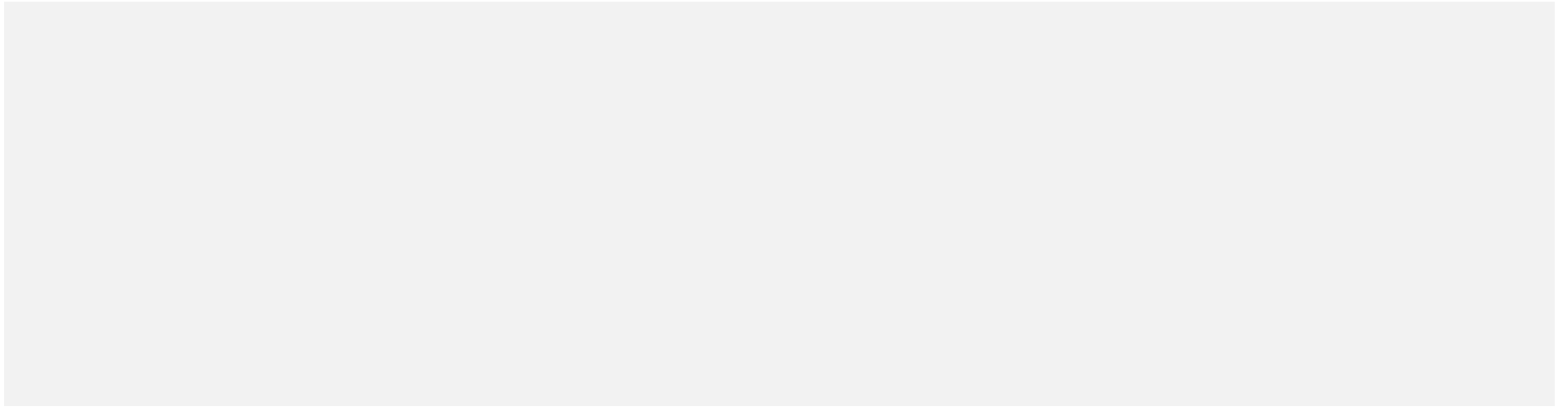
# Form

---

A large, empty light gray rectangular box representing a form area, occupying the central portion of the page below the title.

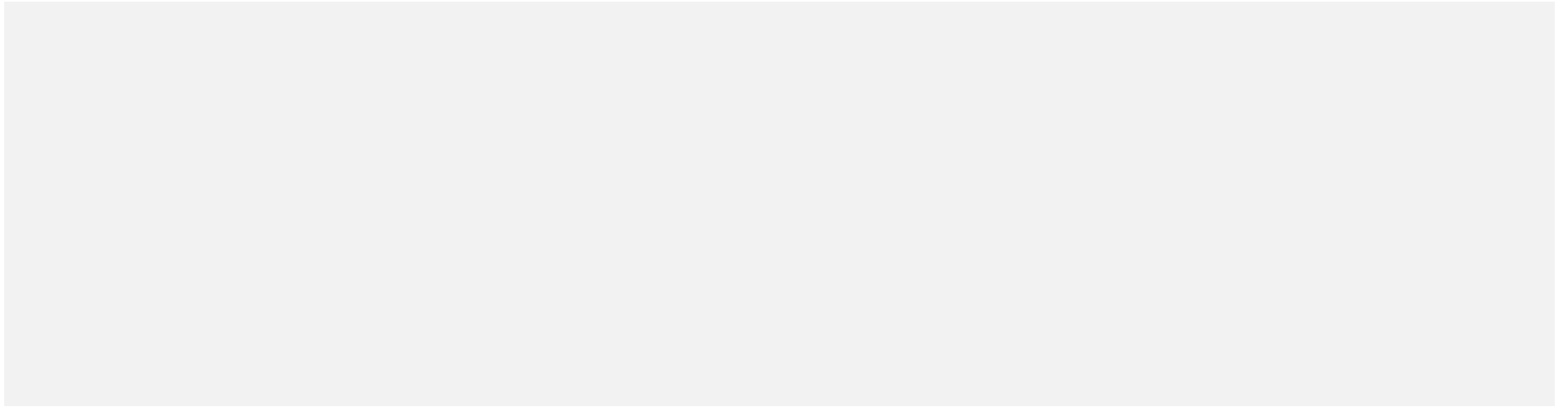
# Form

---

A large, empty light gray rectangular box representing a form, occupying the central portion of the slide.

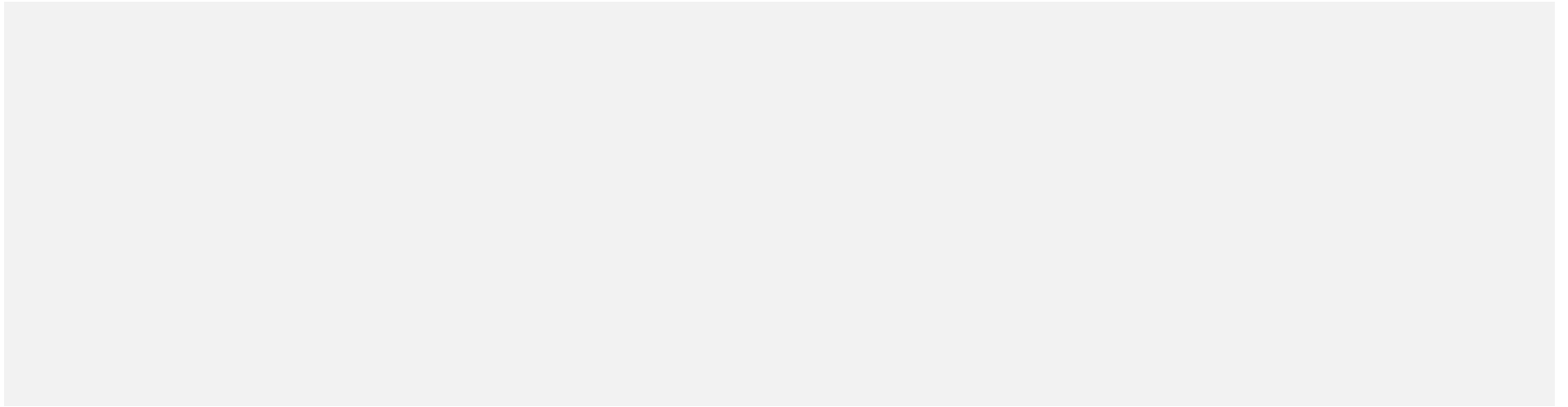
# Form

---

A large, empty light gray rectangular box representing a form, occupying the central portion of the slide.

# Form

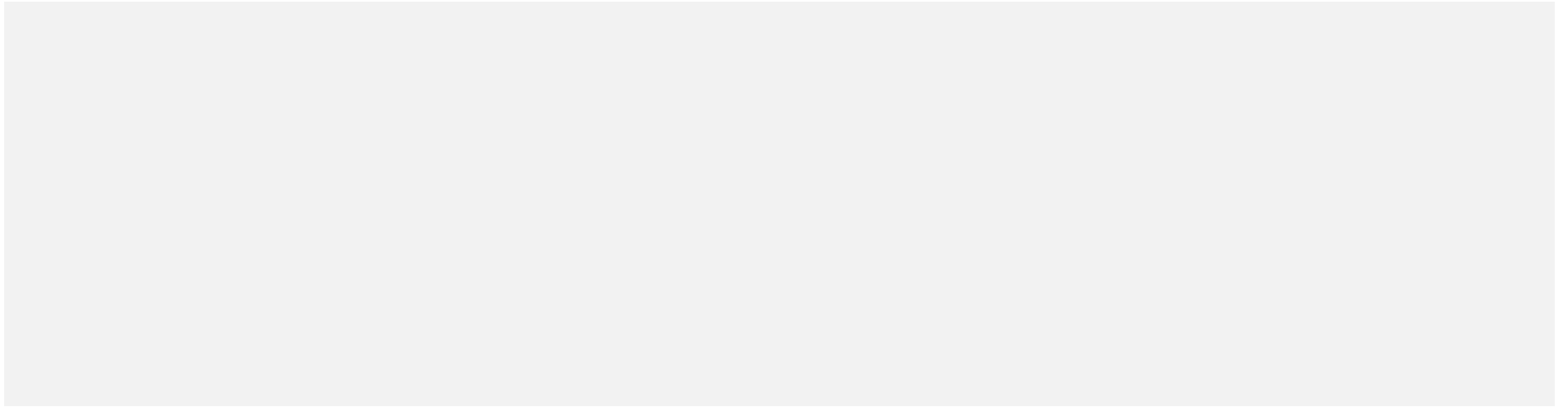
---

A large, empty light gray rectangular box representing a form, occupying the central portion of the page below the title and above the footer.



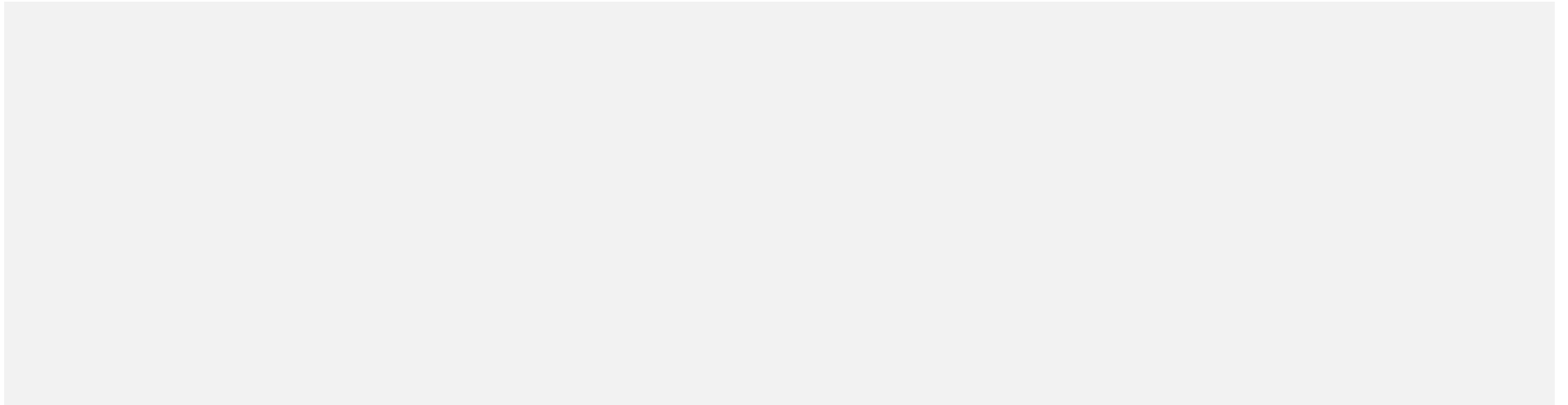
# Form

---

A large, empty light gray rectangular box representing a form, occupying the central portion of the slide.

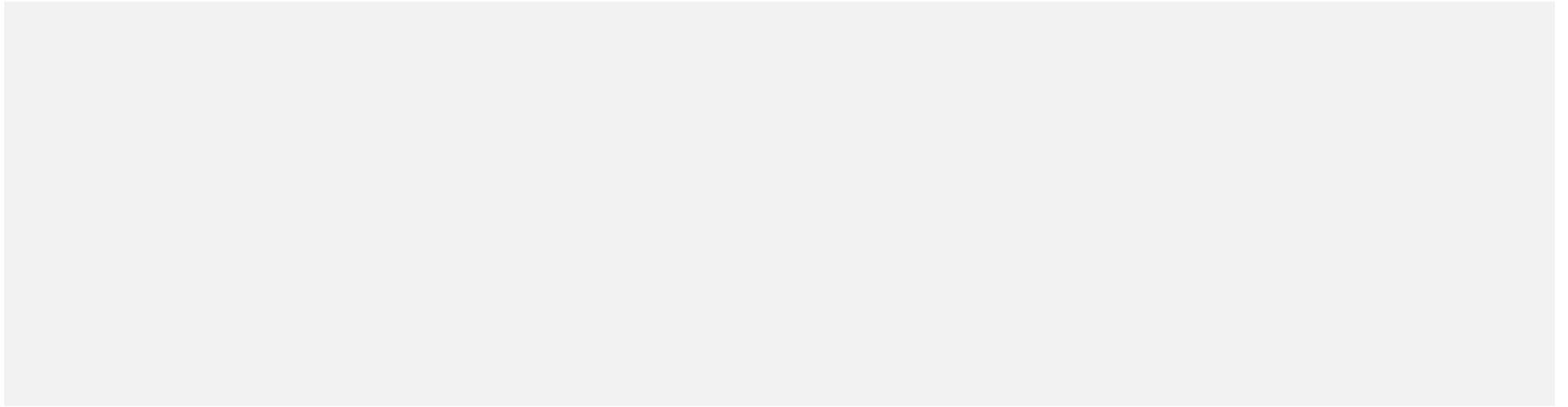
# Form

---



# Form

---

A large, empty light gray rectangular box representing a form area, occupying the central portion of the slide.

---

# Input

# Input

---

## ❖ .form-group, .form-control

Name:

Password:

```
<div class="form-group">
  <label for="usr">Name:</label>
  <input type="text" class="form-control" id="usr">
</div>
<div class="form-group">
  <label for="pwd">Password:</label>
  <input type="password" class="form-control" id="pwd">
</div>
```

# Input

---

## ❖ **.form-group, .form-control**

Comment:

```
<div class="form-group">  
  <label for="comment">Comment:</label>  
  <textarea class="form-control" rows="5" id="comment"></textarea>  
</div>
```

# Input

## ❖ .form-check, .form-check-label, .form-check-input

<input type="checkbox"/> Option 1	<input type="radio"/> Option 1
<input type="checkbox"/> Option 2	<input type="radio"/> Option 2
<input type="checkbox"/> Option 3	<input type="radio"/> Option 3

```
<div class="form-check">
  <label class="form-check-label">
    <input type="checkbox" class="form-check-input" value="">Option 1
  </label>
</div>
<div class="form-check">
  <label class="form-check-label">
    <input type="checkbox" class="form-check-input" value="">Option 2
  </label>
</div>
<div class="form-check">
  <label class="form-check-label">
    <input type="checkbox" class="form-check-input" value=""
      disabled>Option 1
  </label>
</div>
```

# Input

## ❖ .form-check-inline

☐ Option 1 ☐ Option 2 ☐ Option 3

☐ Option 1 ☐ Option 2 ☐ Option 3

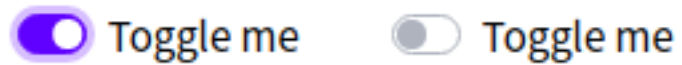
```
<div class="form-check-inline">
  <label class="form-check-label">
    <input type="checkbox" class="form-check-input" value="">Option 1
  </label>
</div>
<div class="form-check-inline">
  <label class="form-check-label">
    <input type="checkbox" class="form-check-input" value="">Option 2
  </label>
</div>
<div class="form-check-inline">
  <label class="form-check-label">
    <input type="checkbox" class="form-check-input" value=""
      disabled>Option 3
  </label>
</div>
```



# Input

---

## ❖ **.custom-control, .custom-switch, .custom-control-input**

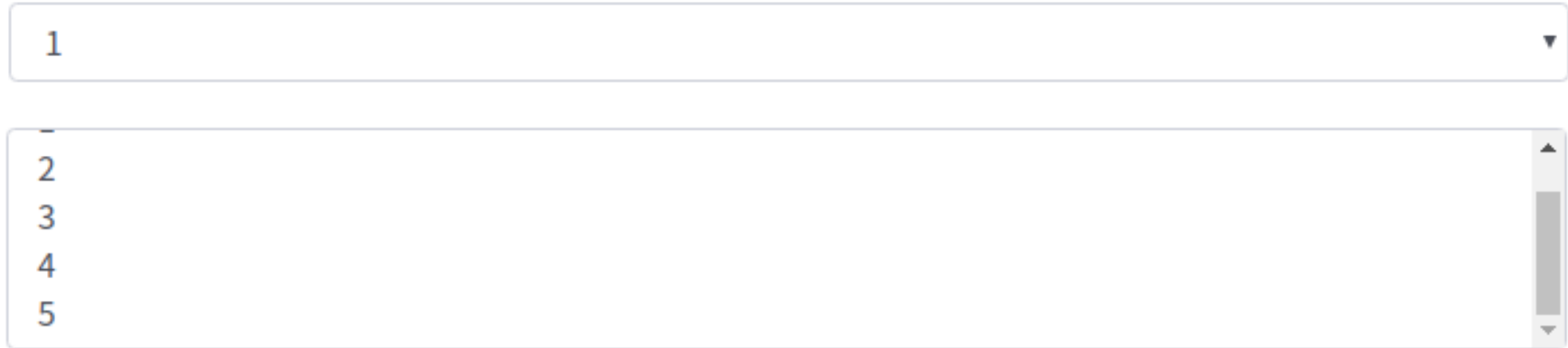


```
<form>
  <div class="custom-control custom-switch">
    <input type="checkbox" class="custom-control-input" id="switch1">
    <label class="custom-control-label" for="switch1">Toggle me</label>
  </div>
</form>
```

# Input

---

## ❖ <select>



The image shows a visual representation of an HTML select element. It consists of two parts: a dropdown menu at the top and a scrollable list of options below it. The dropdown menu has a light blue border and a small downward arrow on the right, with the number '1' selected. The scrollable list below it has a light blue border and a vertical scrollbar on the right, showing options 1 through 5.

```
<div class="form-group">
  <label for="sel1">Select list:</label>
  <select class="form-control" id="sel1">
    <option>1</option>
    <option>2</option>
    <option>3</option>
    <option>4</option>
  </select>
</div>
```

# Input

---

## ❖ **.form-control-sm, .form-control-lg** : 컨트롤 크기

Small form control

Default form control

Large form control

```
<input type="text" class="form-control form-control-sm">
```

```
<input type="text" class="form-control ">
```

```
<input type="text" class="form-control form-control-lg">
```

# Input

---

## ❖ **.form-control-plaintext**

```
<div class="form-group">  
  <input type="text" class="form-control-plaintext"  
    placeholder="Form control with plain text" name="text2">  
</div>
```

# Input

## ❖ .form-control-range, .form-control-file



The image shows two UI components. The top component is a range slider with a horizontal track and a vertical slider handle. The bottom component is a file upload control with a button labeled '파일 선택' (File Select) and a text label '선택된 파일 없음' (No file selected).

```
<form action="/action_page.php">
  <div class="form-group">
    <input type="range" class="form-control-range" name="range">
  </div>

  <div class="form-group">
    <input type="file" class="form-control-file border" name="file">
  </div>

  <button type="submit" class="btn btn-primary">Submit</button>
</form>
```

---

# Media Object

# Media Object

## ❖ .media, .media-body



John Doe *Posted on February 19, 2016*

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

```
<div class="media border p-3">
  
  <div class="media-body">
    <h4>
      John Doe <small><i>Posted on February 19, 2016</i></small>
    </h4>
    <p>Lorem ipsum...</p>
  </div>
</div>
```

---

## ❖ 중첩



**John Doe** *Posted on February 19, 2016*

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.



**Jane Doe** *Posted on February 20, 2016*

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.



# Media Object

---

## ❖ 중첩

```
<div class="media border p-3">
  
  <div class="media-body">
    <h4>
      John Doe <small><i>Posted on February 19, 2016</i></small>
    </h4>
    <p>Lorem ipsum...</p>

    <div class="media p-3">
      
      <div class="media-body">
        <h4>
          Jane Doe <small><i>Posted on February 20 2016</i></small>
        </h4>
        <p>Lorem ipsum...</p>
      </div>
    </div>
  </div>
</div>
```

# Media Object

## ❖ 이미지 우측 배치

John Doe *Posted on February 19, 2016*

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.



```
<div class="media border p-3">
  <div class="media-body">
    <h4>
      John Doe <small><i>Posted on February 19, 2016</i></small>
    </h4>
    <p>Lorem ipsum...</p>
  </div>
  
</div>
```

# Media Object

---

## ❖ align-self-\* : 이미지의 수직 정렬

- start, center, end

```
<div class="media">
  
  <div class="media-body">
    <h4>Media Top</h4>
    <p>Lorem ipsum...</p>
  </div>
</div>
```