

1. Dropdowns

1) Combo-box

2) 먼저 전체를 감싸는 <div> tag안에 .dropdown class를 지정한다.

3) div 안에 <button> tag를 만들고 .dropdown-toggle class를 넣는다.

4) button tag안에 button text를 넣고 그 다음에 를 넣는다.

5) tag에 list를 넣고 .dropdown-menu class를 추가한다.

6) list는 border-round형태이며 그림자가 있다.

7) jQuery와 bootstrap.js가 필요하다.

8) 전체에서 가장 긴 li에 맞게 넓이가 결정된다.

9) 예시

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link rel="stylesheet" href="css/bootstrap.css">
  <script src="js/jquery-3.4.1.js"></script>
  <script src="js/bootstrap.js"></script>
</head>
<body>
  <div class="dropdown">
    <button class="btn btn-default dropdown-toggle" type="button"
      id="dropdownMenu1" data-toggle="dropdown" aria-expanded="true">
      Dropdown
      <span class="caret"></span>
    </button>
    <ul class="dropdown-menu" role="menu" aria-labelledby="dropdownMenu1">
      <li role="presentation"><a role="menuitem" tabindex="-1"
        href="#">Action</a></li>
      <li role="presentation"><a role="menuitem" tabindex="-1" href="#">Another
        action</a></li>
      <li role="presentation"><a role="menuitem" tabindex="-1" href="#">Something
        else here</a></li>
      <li role="presentation"><a role="menuitem" tabindex="-1" href="#">Separated
        link</a></li>
    </ul>
  </div>
</body>
</html>
```

2. Dropups

1) Dropdown menus can be changed to expand upwards (instead of downwards) by adding .dropup to the parent.

2) Menu를 위로 표현한다.

3) 위에 메뉴를 볼 수 있게 공간이 있어야 한다.

4) 별도로 dripup이라는 class를 부여하지 않는다.

5) 사용예

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link rel="stylesheet" href="css/bootstrap.css">
  <script src="js/jquery-3.4.1.js"></script>
  <script src="js/bootstrap.js"></script>
```

```

53     <style>
54         p{ font-size:2em;}
55     </style>
56 </head>
57 <body>
58     <p>Lorem ipsum dolor sit amet consectetur, adipisicing elit. Cupiditate earum laborum,
    et at dolor quas id ab iusto accusamus iure doloremque molestiae architecto magnam
    consequatur. Et vero eos, consequatur debitis facere voluptatibus provident temporibus
    quo sequi reiciendis molestiae iusto itaque. Voluptatibus sapiente, magnam debitis et
    asperiores repellendus ad sequi itaque!</p>
59     <div class="dropup">
60         <button class="btn btn-default dropdown-toggle" type="button"
        id="dropdownMenu2" data-toggle="dropdown" aria-haspopup="true"
        aria-expanded="false">
61             Dropup
62             <span class="caret"></span>
63         </button>
64         <ul class="dropdown-menu" aria-labelledby="dropdownMenu2">
65             <li><a href="#">Action</a></li>
66             <li><a href="#">Another action</a></li>
67             <li><a href="#">Something else here</a></li>
68             <li role="separator" class="divider"></li>
69             <li><a href="#">Separated link</a></li>
70         </ul>
71     </div>
72 </body>
73 </html>
74
75

```

3. Alignment

- 1) 기본적으로 dropdown menu는 자동적으로 좌상단에 위치한다.
- 2) 우측 정렬하기 위해 .dropdown-menu에 .dropdown-menu-right를 추가한다.
- 3) 기본적으로 상위의 alignment를 따라간다.
- 4) 아래와 같이 Dropdown이 오른쪽으로 이동하면

```

81     <div class="dropdown pull-right">
82         <button class="btn btn-default dropdown-toggle" type="button" id="dropdownMenu1"
        data-toggle="dropdown" aria-expanded="true">
83             Dropdown
84             <span class="caret"></span>
85         </button>
86         <ul class="dropdown-menu" role="menu" aria-labelledby="dropdownMenu1">
87             <li class="dropdown-header">Fruits</li>
88             <li role="presentation"><a role="menuitem" tabindex="-1"
            href="#">Apple</a></li>
89             <li role="presentation"><a role="menuitem" tabindex="-1"
            href="#">Lemon</a></li>
90             <li role="presentation"><a role="menuitem" tabindex="-1"
            href="#">Mango</a></li>
91             <li role="presentation"><a role="menuitem" tabindex="-1"
            href="#">Grape</a></li>
92             <li class="dropdown-header">Cars</li>
93             <li role="presentation"><a role="menuitem" tabindex="-1"
            href="#">Sonata</a></li>
94             <li role="presentation"><a role="menuitem" tabindex="-1"
            href="#">Carnival</a></li>
95             <li role="presentation"><a role="menuitem" tabindex="-1"
            href="#">Matiz</a></li>
96         </ul>

```

```

97     </div>
98
99
100 4. Headers
101 1)Dropdown Menu의 label를 붙이려면 header를 추가한다.
102 2)약간 사이즈가 작다.
103
104 <!DOCTYPE html>
105 <html lang="en">
106   <head>
107     <meta charset="UTF-8">
108     <meta name="viewport" content="width=device-width, initial-scale=1.0">
109     <title>Document</title>
110     <link rel="stylesheet" href="css/bootstrap.css">
111     <script src="js/jquery-3.4.1.js"></script>
112     <script src="js/bootstrap.js"></script>
113   </head>
114   <body>
115     <div class="dropdown">
116       <button class="btn btn-default dropdown-toggle" type="button"
117         id="dropdownMenu1" data-toggle="dropdown" aria-expanded="true">
118         Dropdown
119       <span class="caret"></span>
120     </button>
121     <ul class="dropdown-menu" role="menu" aria-labelledby="dropdownMenu1">
122       <li class="dropdown-header">Fruits</li>
123       <li role="presentation"><a role="menuitem" tabindex="-1"
124         href="#">Apple</a></li>
125       <li role="presentation"><a role="menuitem" tabindex="-1"
126         href="#">Lemon</a></li>
127       <li role="presentation"><a role="menuitem" tabindex="-1"
128         href="#">Mango</a></li>
129       <li role="presentation"><a role="menuitem" tabindex="-1"
130         href="#">Grape</a></li>
131       <li class="dropdown-header">Cars</li>
132       <li role="presentation"><a role="menuitem" tabindex="-1"
133         href="#">Sonata</a></li>
134       <li role="presentation"><a role="menuitem" tabindex="-1"
135         href="#">Carnival</a></li>
136       <li role="presentation"><a role="menuitem" tabindex="-1"
137         href="#">Matiz</a></li>
138     </ul>
139   </div>
140 </body>
141 </html>
142
143
144 5. Divider
145 1)중간에 구분선을 넣어서 가독성을 높일 수 있다.
146 <div class="dropdown">
147   <button class="btn btn-default dropdown-toggle" type="button" id="dropdownMenu1"
148     data-toggle="dropdown" aria-expanded="true">
149     Dropdown
150   <span class="caret"></span>
151 </button>
152 <ul class="dropdown-menu" role="menu" aria-labelledby="dropdownMenu1">
153   <li class="dropdown-header">Fruits</li>
154   <li role="presentation"><a role="menuitem" tabindex="-1"

```

```
146         href="#">Apple</a></li>
147     <li role="presentation"><a role="menuitem" tabindex="-1"
148         href="#">Lemon</a></li>
149     <li role="presentation"><a role="menuitem" tabindex="-1"
150         href="#">Mango</a></li>
151     <li role="presentation"><a role="menuitem" tabindex="-1"
152         href="#">Grape</a></li>
153     <li role="separator" class="divider"></li>
154     <li role="presentation"><a role="menuitem" tabindex="-1"
155         href="#">Sonata</a></li>
156     <li role="presentation"><a role="menuitem" tabindex="-1"
157         href="#">Carnival</a></li>
158     <li role="presentation"><a role="menuitem" tabindex="-1"
159         href="#">Matiz</a></li>
160 </ul>
161 </div>
162
163 6. Disabled menu items
164 1)색이 흐리고 Mouse Cursor또한 금지로 바뀐다.
165 2)Add .disabled to a <li> in the dropdown to disable the link.
166 3)예
167 <ul class="dropdown-menu" aria-labelledby="dropdownMenu4">
168     <li><a href="#">Regular link</a></li>
169     <li class="disabled"><a href="#">Disabled link</a></li>
170     <li><a href="#">Another link</a></li>
171 </ul>
```