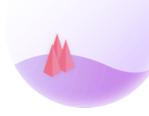# Q1 - Create A Dropdown

EMBED - https://gfycat.com/gifs/detail/BackSlimyDragon

Requirements:

- Create a rectangular card which is center aligned and has the text "Dropdown" and an Icon which is a <button> on the extreme right. These need to be spaced out by using CSS Flexbox
- The Shadow of the dropdown needs to behave in the same way as shown in the clip above
- Align the card by using CSS Transform and not margin: auto
- Clicking on the rectangular card will open it up showing the content within - **Transitions need to be added using class names** and accordingly added to the divs using JS
- The transition for the animation should be a **Cubic Bezier transition** and should look similar to the one above
- The content should be added in a paragraph tag and should be selectable
- Clicking on the content when the dropdown is open should not close the card.
- Clicking **only on the upper part of the card** should close the dropdown

Q2 – The Disabled Button

EMBED - https://gfycat.com/gifs/detail/IckyGloriousAdouri

Requirements:

- Use the code snippets given below to create what you see in the clip above
- Add the right styles to the **.content class** to align the whole content in the center.
- Add the right styles to the **.main button** to make it look like the button above
- Add a hover state to the button
- Hovering over the red button needs to change my cursor to show its clickable
- Clicking on the disable button needs to change the color of the button to grey and prevent it from being clickable
- The **disabled attribute should not be used** to disable the button
- Clicking on the enable button needs to change the color of the button back to what it originally was and make it clickable again.

HTML

```
<html>
        <body>
                <div class="content">
                        <button class="btn main">Click Me</button>
                        <div>
                                <button class="btn disable">Disable Button</button>
                                <button class="btn enable">Enable Button</button>
                        </div>
                </div>
        </body>
</html>
```

CSS

```
.content {
}

.main {

}

.main:hover {
}

.main-disabled {

}
```

Q3 – Hovering Cards

EMBED - https://gfycat.com/gifs/detail/FrenchLoathsomeGarpike

Requirements:

- Build out the above UI using the code snippet given below.
- Use only CSS to build out the above UI example
- Arrange the cards in the orientation as shown above
- The color of the background is #c9c7c7 and the color of the bar is #e0e0e0
- Place any two YouTube videos of your choice in the cards
- Take into consideration the opacity of the bars above the videos
- Hovering over the cards needs to move them upwards
- Add in transitions to make the hover state smooth

```
<html>
<body>
<div class="content">
   <div class="card-two">
     <div class="card-two-bar"></div>

  </div>
  <div class="card-one">
   <div class="card-one-bar"></div>

  </div>
</div>
</body>
</html>
```

Q4 – Aligning Boxes

Given below are three divs with a circle within each one of them.

Requirements:

- Show three ways in which the circle can be aligned in the center of its respective content div
- CSS Flexbox must be used as one of the methods

```
<html>
<body>
        <div class="content-one">
                <div class="circle-one"></div>
        </div>

        <div class="content-two">
                <div class="circle-two"></div>
        </div>

        <div class="content-three">
                <div class="circle-three"></div>
        </div>
</body>
</html>
```

```css
.content-one,
.content-two,
.content-three {
  width: 200px;
  height: 200px;
}

.circle-one,
.circle-two,
.circle-three {
  width: 60px;
  height: 60px;
  border-radius: 80px;
}

.content-one {
        background: pink;
}




.content-two {
        background: orange;
}

.content-three {
        background: violet;
}

.circle-one {
   background : red;
}

.circle-two {
   background : white;
}

.circle-three {
        background : blue;
}
```