

Question #1

Given this markup:

```
<a href="#">
  Checkout
</a>
```

Without changing the markup and using CSS properties alone, recreate this button:

<http://i.imgur.com/gnZnY.png>.

Spend no longer than 15 minutes on it, we don't expect it to be a perfect match. It's open book, feel free to hit Google but be prepared to explain your solution.

Answer #1

Your CSS Code goes here OR Link to Codepen

```
a{
  transition: background 1s ease;
  background: #FF9800;
  border: 1px solid #FB8C00;
  padding: 10px;
  position: relative;
  width: 20%;
  top: 10px;
  text-align: center;
  font-size: 14px;
  display: block;
  font-family: sans-serif;
  text-decoration: none;
  box-shadow: 2px 4px 4px 0px rgba(96, 96, 96, 0.25);
  color: #fff;
  border-radius: 4px;
}
a:hover{
  background: #F57C00;
  border: 1px solid #F57C00;
}
a:focus{
  background: #F57C00;
  border: 1px solid #F57C00;
}
```

Question #2

The code is for storing cache(localstorage of a browser). The code doesn't work for the 1st time. but works fine 2nd time. Why?

```
var loadData;  
if(localStorage.getItem("autocomplete") == null)  
{  
    $.get("/backend", function(data){  
        localStorage.setItem("autocomplete", data);  
    });  
    loadData = localStorage.getItem("autocomplete");  
}  
else  
{  
    loadData = localStorage.getItem("autocomplete");  
}  
alert(loadData); // says undefined
```

Answer #2

I don't think there is any such issue with the code. It works for the 1st time as well.

As I don't have any end point to test the API response that is being fetched in data variable, I am assuming that the API is returning something in response.

So I am taking var data = "I am John Doe"

So as per this logic, loadData will always have something in it and won't return undefined.

But as per the Que, for the 1st time loadData is undefined. This can only be possible in the scenario when /backend API endpoint is returning undefined in the response.

Question #3: Make a slanted/leaning div using css



Answer #3

Your HTML + CSS Code goes here OR Link to Codepen

HTML

```
<div class = "container">
  <ul>
    <li class = "leftArea">
      <ul>
        <li><div></div> </li>
        <li><div></div></li>
        <li><div></div></li>
      </ul>
    </li>
    <li class = "rightArea">
      <div></div>
    </li>
  </ul>
</div>
```

CSS

```
ul {
  list-style: none;
  padding: 0;
}
.container {
  width: 100%;
  background:#fff;
}
.container .rightArea {
  height: 50px;
  width: 110px;
  position: relative;
  display: inline-block;
}
```

```
.container .leftArea {
  height: auto;
  width: 180px;
  position: relative;
  display: inline-block;
}
.container .leftArea li:nth-child(1) div {
  background: #ff9999;
  height: 25px;
}
.container .leftArea li:nth-child(2) div {
  background: #99ff99;
  height: 25px;
}
.container .leftArea li:nth-child(3) div {
  background: #9999ff;
  height: 25px;
}
.container .rightArea div {
  border-left: 35px solid transparent;
  border-right: 35px solid transparent;
  border-top: 75px solid #fff;
  position: relative;
  bottom: 25px;
  right: 74px;
}
```

JS Fiddle Link: <https://jsfiddle.net/5ed249am/>

Coding Assignment

Using a JS library of your choice (prefer AngularJS, but others are ok), create a simple single page application that shows a google map, and allows the user to drop a pin and see (public) Flickr images that have been taken at that location. It should be mobile first + responsive and should support pagination.

What we're looking for:

- Code quality & efficiency
- Ability to work with frameworks and third party APIs
- Design skills/ approach

Please upload your assignment to Github and send across the link.