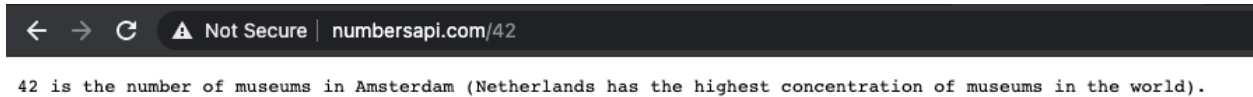


Eloise Shevin
Ashwin Gupta
Section C
LAB 15
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Task 2: Endpoint

```
lab.js    index.html    lab.css

var Button = document.getElementById('activate');
Button.addEventListener("click", function API(){
  $.ajax({
    url:"http://numbersapi.com/42",
    data: { },
    type: "GET",
  })
  .done(function(data){
    $("#output").html(data);
    console.log ("success:", data);
  })
  .fail(function(xhr, status, errorThrown){
    $("#output").html(errorThrown+ "status:" + status);
    //console.log(errorThrown+ "status:" + status);
  })
})
```

Task 3: JS code

Lab 15 - AJAX

Challenges

For this lab, we needed to use an API endpoint url and attach it to a button in our page. When the user clicks the button, the API retrieves the info from the original website and attaches it to our page.

Problems

Due to what we had learned in class, we were able to figure out the steps we needed to complete the code. We had some problems with the `addEventListener` method, but after fixing some issues with its syntax we were on our way.

Results

ACTIVATE

42 is the angle in degrees for which a rainbow appears or the critical angle.

Task 3: Working page

Summary of efforts:

Starting lab 15 was quite simple, as we are now fully familiar with HTML and CSS. For this lab's CSS, we wanted to play with our favorite colors burgundy and olive. We really enjoyed the look of it as we thought the complimentary colors worked very well together. It looks quite simple, yet we wanted to take a minimalistic approach towards it. The lab itself was quite simple to comprehend, especially after our in-class demonstration. We found that we were able to quickly finish the lab, yet we found issues with the `addEventListener` method, but after fixing some issues with its syntax we were on our way. We were finally able to

publish the page on Github. Though we encountered some difficulties with this lab, we were able to put our minds together and work through it as a team.