Iterations - Counter (https://github.com/witzakr/Counter.git)

1. Preparation

The assignment was to create a website featuring a counter that starts from the number 1 and keeps counting upwards endlessly. Additionally, the website had to display random text alongside the counter. Our task was to ensure that both the counter and the text were visible and readable by adjusting their appearance using CSS.

For my website, I chose the phrase "hello world" as the text to display. To make it more challenging, I decided to translate this phrase into a different language every second. I used an API to handle the translations.

2. Process

a) HTML

After adding the necessary elements, h3 would be the counter and the 0 would be replaced by +1 value and p would be replaced by hello world and its translations.

b) CSS

```
body {
   margin: 0;
   padding: 0;
   font-family: Arial, Helvetica, sans-serif;
section {
 display: flex;
 justify-content: center;
 align-items: center;
 margin-top: 450px;
section h3 {
 font-size: 400px;
 position: absolute;
 animation: bounce 2s infinite;
 text-shadow:
 -2px -2px 0 □#000,
 2px -2px 0 □#000,
 -2px 2px 0 □#000,
 2px 2px 0 □#000;
section p{
 font-size: 200px;
 position: absolute;
 text-shadow:
 -2px -2px 0 □#000,
 2px -2px Ø □#000,
 -2px 2px 0 □#000,
 2px 2px 0 □#000;
@keyframes bounce {
 0%, 100% {
   transform: translate(0, 0);
 25% {
   transform: translate(50px, -50px);
   transform: translate(100px, 0);
 75% {
   transform: translate(50px, 50px);
```

Once I finished writing the HTML code for the website, it was time to style it using CSS. To ensure that both the numbers and the text were easy to read, I added an outline around them. Additionally, I made the numbers bounce in a clockwise direction to add some visual interest.



c) JS

```
document.addiventiistemer('Coccontenticacid', function() { // tooding DCR content before executing

var constrictionent = document.queryselector('p');

// initializing variables

var constrictionent = 0;

var translations = 0;

var translations = 0;

var translations = 0;

// Index to keep track of current translation

// Exection to fetch translations array that will get data from API in the later stage

var translations = 0;

// Exection to fetch translations array that will get data from API in the later stage

var translations = 0;

// Exection to fetch translations from a API

function to fetch translations of (
fetch(Stips://Mostl.jov/12/2000-4-def-ais=81/-eValocadest')

-therefore = 0;

-therefore = 0;
```

I won't delve too much into the details of the JavaScript code here, as it's already explained in the readme file. But briefly, the code makes the counter functional, translates 'hello world' into 10 different languages (within a loop fetching data from an API), and changes counters, backgrounds, and text colors randomly every

second. Fixing text errors."

3. The result and final thoughts

Overall, the teacher and I were satisfied with the result. I received very positive feedback for it, and although using the API wasn't necessary, it was greatly appreciated. This assignment motivated me for the further assignments of this semester.

