

Calendar and Text animation

Problem Statement 1: Calendar

With your newly gained knowledge in CSS Grid properties create a simple static calendar using HTML list and CSS: grid, display, background, and box model properties.

Sample Output:

December 2020						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Solution:

HTML:

```
<div class="calendar-wrapper">
  <h1>December 2020</h1>
  <ol class="calendar">

    <li class="day-name">Sun</li>
    <li class="day-name">Mon</li>
    <li class="day-name">Tue</li>
    <li class="day-name">Wed</li>
    <li class="day-name">Thu</li>
    <li class="day-name">Fri</li>
    <li class="day-name">Sat</li>

    <li class="first-day">1</li>

    <li>2</li>
    <li>3</li>
    <li>4</li>
    <li>5</li>
    <li>6</li>
```

```
<li>7</li>
<li>8</li>
<li>9</li>
<li>10</li>
<li>11</li>
<li>12</li>
<li>13</li>
<li>14</li>
<li>15</li>
<li>16</li>
<li>17</li>
<li>18</li>
<li>19</li>
<li>20</li>
<li>21</li>
<li>22</li>
<li>23</li>
<li>24</li>
<li>25</li>
<li>26</li>
<li>27</li>
<li>28</li>
<li>29</li>
<li>30</li>
<li>31</li>
</ol>
</div>
```

CSS:

```
.calendar-wrapper {
  max-width: 280px;
  font: 100% system-ui;
}

.calendar {
  display: grid;
  grid-template-columns: repeat(7, 1fr);
}

.first-day {
  grid-column-start: 3;
}

.day-name {
  background: #eee;
}

h1 {
  text-align: center;
}

ol {
  list-style: none;
  margin: 0;
  padding: 0;
}
```

```
text-align: center;
}
li {
padding: 2px;
}
```

Problem Statement 2: Text animation

With your newly gained knowledge in CSS combinators and animations create a simple text animation web page with help of text, fonts, box model, animation, combinators, and keyframes.

Sample Output:



The highlighted text keeps on changes

Solution:

HTML:

```
<div id=container>
  Make
  <div id=flip>
    <div><div>wOrK</div></div>
    <div><div>lifeStyle</div></div>
    <div><div>Everything</div></div>
  </div>
  AweSoMe!
</div>

<p>a css3 animation demo</p>
```

CSS:

```
body {
margin:0px;
text-align:center;
}

#container {
color:#999;
text-transform: uppercase;
font-size:36px;
font-weight:bold;
}
```

```
padding-top:200px;
position:fixed;
width:100%;
bottom:45%;
display:block;
}

#flip {
height:50px;
overflow:hidden;
}

#flip > div > div {
color:#fff;
padding:4px 12px;
height:45px;
margin-bottom:45px;
display:inline-block;
}

#flip div:first-child {
animation: show 5s linear infinite;
}

#flip div div {
background:#42c58a;
}

#flip div:first-child div {
background:#4ec7f3;
}

#flip div:last-child div {
background:#DC143C;
}

@keyframes show {
0% {margin-top:-270px;}
5% {margin-top:-180px;}
33% {margin-top:-180px;}
38% {margin-top:-90px;}
66% {margin-top:-90px;}
71% {margin-top:0px;}
99.99% {margin-top:0px;}
100% {margin-top:-270px;}
}

p {
position:fixed;
width:100%;
bottom:30px;
font-size:12px;
color:#999;
margin-top:200px;
}
```