

Selected files

3 printable files

index.html
index.js
index.css

index.html

```
<!DOCTYPE html>
<html>

<head>
  <title>Happy Mother's Day Mom!</title>
  <link rel="preconnect" href="https://fonts.googleapis.com">
  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
  <link href="https://fonts.googleapis.com/css2?family=Pacifico&display=swap" rel="stylesheet">
  <link rel="stylesheet"
    href="https://fonts.googleapis.com/css2?family=Material+Symbols+Outlined:opsz,wght,FILL,GRAD@48,400,0,0" />
  <link rel="stylesheet" href="./index.css">
  <script src="./index.js"></script>

</head>

<body>
  <section class="ground"></section>
  <h1><span id="intro"></span><span id="cursor">|</span></h1>
  <section class="flowers"></section>
  <template id="flower-template">
    <div class="flower">
      <div class="pedals"></div>
      <div class="stem"></div>
      <div class="leaf right"></div>
      <div class="leaf left"></div>
    </div>
  </template>
  <footer id="music-control">
    <span class="material-symbols-outlined">play_arrow</span>
  </footer>
</body>

</html>
```

index.js

```
(( ) => {
  const TYPE_TIME = 7;
  const FLOWER_START_TIME = 2;
  const MOTHERS_DAY_TEXT = `Happy Mother's Day Mom! I love you so much. You're the best mom I
could ever
ask for, and I hope you had a wonderful Mother's Day!`;
  const TYPE_SPEED = TYPE_TIME / MOTHERS_DAY_TEXT.length * 1000;
```

```
const FOREST_AUDIO = new Audio('forest.mp3');
```

```
const FLOWERS = [  
  {  
    height: 300,  
    leftLeafHeight: 30,  
    rightLeafHeight: 50,  
  
    innerPedalColor: '#F3F875',  
    pedalColor: '#F8C475',  
    outerPedalColor: '#F7BC62',  
  
    innerPedalSize: 110,  
    pedalSize: 10,  
    outerPedalSize: 30,  
  
    animationDelay: '7s',  
  },  
  {  
    height: 200,  
    leftLeafHeight: null,  
    rightLeafHeight: 50,  
  
    innerPedalColor: '#A6D6FA',  
    pedalColor: '#75BFF8',  
    outerPedalColor: '#62B6F7',  
  
    innerPedalSize: 40,  
    pedalSize: 30,  
    outerPedalSize: 10,  
  
    animationDelay: '8s',  
  },  
  {  
    height: 250,  
    leftLeafHeight: 40,  
    rightLeafHeight: null,  
  
    innerPedalColor: '#F8C475',  
    pedalColor: '#F87575',  
    outerPedalColor: '#F76262',  
  
    innerPedalSize: 80,  
    pedalSize: 5,  
    outerPedalSize: 15,  
  },  
  {  
    height: 290,  
    leftLeafHeight: 40,  
    rightLeafHeight: 60,  
  
    innerPedalColor: '#F87575',  
    pedalColor: '#F98888',  
    outerPedalColor: '#F7BC62',  
  
    innerPedalSize: 20,  
    pedalSize: 5,  
    outerPedalSize: 40,  
  },  
  {  
    height: 320,
```

```

    leftLeafHeight: 40,
    rightLeafHeight: null,

    innerPedalColor: '#75BFF8',
    pedalColor: '#A6D6FA',
    outerPedalColor: '#92CDF9',

    innerPedalSize: 60,
    pedalSize: 25,
    outerPedalSize: 15,
  },
  {
    height: 230,
    leftLeafHeight: 30,
    rightLeafHeight: 60,

    innerPedalColor: '#D9ABFF',
    pedalColor: '#E2BFFF',
    outerPedalColor: '#FF75A6',

    innerPedalSize: 50,
    pedalSize: 10,
    outerPedalSize: 25,
  },
]

window.addEventListener('load', () => {
  writeText(MOTHERS_DAY_TEXT, document.getElementById('intro'), 0, TYPE_SPEED);
  for (let i = 0; i < FLOWERS.length; i++) {
    const flowerData = FLOWERS[i];
    createFlower(document.getElementById('flower-template'), flowerData, FLOWER_START_TIME + i);
  }

  FOREST_AUDIO.addEventListener('ended', function () {
    this.currentTime = 0;
    this.play();
  }, false);

  document.getElementById('music-control').addEventListener('click', function (event) {
    const icon = this.firstElementChild;
    if (icon.textContent.trim() === 'pause') {
      icon.textContent = 'play_arrow';
      FOREST_AUDIO.pause();
    } else {
      icon.textContent = 'pause';
      FOREST_AUDIO.play();
    }
  });
});

/**
 * Writes text to an element
 * @param {*} text - The text to write
 * @param {*} ele - The element to write to
 * @param {*} index - The index of the text to write
 * @param {*} typeSpeed - The speed to write the text
 */
function writeText(text, ele, index, typeSpeed) {
  if (index < text.length) {
    ele.textContent += text.charAt(index);
    setTimeout(writeText, typeSpeed, text, ele, index + 1, typeSpeed);
  }
}

```

```

    } else {
        document.getElementById('cursor').classList.add('blinking-cursor');
    }
}

/**
 * Creates a flower based on the flower template and flower data
 * @param {*} flowerTemplate - The template for the flower
 * @param {*} flowerData - The data for the flower
 */
function createFlower(flowerTemplate, flowerData, delay) {
    const flower = flowerTemplate.content.firstElementChild.cloneNode(true);
    flower.style.height = `${flowerData.height}px`;
    flower.style.width = `${flowerData.innerPedalSize + flowerData.pedalSize * 2 + flowerData.outerPedalSize * 2}px`;

    if (flowerData.leftLeafHeight === null) {
        flower.querySelector('.leaf.left').style.display = 'none';
    } else {
        flower.querySelector('.leaf.left').style.top = `${flowerData.leftLeafHeight}%`;
        flower.querySelector('.leaf.left').style.animationDelay = `${delay + 1}s`;
    }
    if (flowerData.rightLeafHeight === null) {
        flower.querySelector('.leaf.right').style.display = 'none';
    } else {
        flower.querySelector('.leaf.right').style.top = `${flowerData.rightLeafHeight}%`;
        flower.querySelector('.leaf.right').style.animationDelay = `${delay + 1}s`;
    }
    flower.style.animationDelay = `${delay}s`;

    flower.querySelector('.pedals').style.top = `-${flowerData.innerPedalSize / 2 + flowerData.pedalSize}px`;
    flower.querySelector('.pedals').style.left = `${flowerData.outerPedalSize}px`;
    flower.querySelector('.pedals').style.height = `${flowerData.innerPedalSize}px`;
    flower.querySelector('.pedals').style.width = `${flowerData.innerPedalSize}px`;
    flower.querySelector('.pedals').style.backgroundColor = flowerData.innerPedalColor;
    flower.querySelector('.pedals').style.border = `${flowerData.pedalSize}px solid ${flowerData.pedalColor}`;
    flower.querySelector('.pedals').style.boxShadow = `0 0 0 ${flowerData.outerPedalSize}px ${flowerData.outerPedalColor}`;

    document.querySelector('.flowers').appendChild(flower);
}
})();

```

index.css

```

body {
    background-color: #d2d2b4;
    height: 100%;
    width: 100%;
    margin: 0;
}

.ground {
    background-color: #c7c7a1;
    height: 100px;
    width: 100%;
}

```

```
bottom: 0;
position: absolute;
}

.blinking-cursor {
  animation: 1.5s blink step-end infinite;
}
```

```
@keyframes blink {
  from {
    color: transparent;
    text-shadow: none;
  }

  50% {
    color: □ white
    text-shadow: 2px 2px #ff0000;
  }

  to {
    color: transparent;
    text-shadow: none;
  }
}
```

```
@keyframes turn {
  from {
    transform: rotate3d(0, 1, 0, 45deg);
  }

  to {
    transform: rotate3d(0, 1, 0, 0deg);
  }
}
```

```
@keyframes grow {
  from {
    bottom: -100%;
    opacity: 0;
  }

  to {
    bottom: 0;
    opacity: 1;
  }
}
```

```
.hidden {
  visibility: hidden;
}
```

```
h1 {
  font-size: 60px;
  color: □ white
  font-family: 'Pacifico', cursive;
  margin: 5% auto;
  width: 80%;
  text-shadow: 2px 2px #ff0000;
  text-align: center;
}
```

```
.flowers {
  position: absolute;
  bottom: 0;
  height: 100%;
  width: 100%;
  display: flex;
  justify-content: space-around;
  align-items: flex-end;
}

.flower {
  position: relative;
  bottom: 0;
  opacity: 0;
  animation-name: grow;
  animation-duration: 2s;
  animation-fill-mode: forwards;
}

.stem {
  background-color:  #b4d28c;
  width: 10px;
  height: 100%;
  bottom: 0;
  left: 50%;
  position: relative;
  transform: translateX(-50%);
}

.leaf {
  position: absolute;
  background-color:  #a3c872;
  width: 48px;
  height: 48px;
  box-shadow: 0 0 0 2px #84ae4d;
  animation-name: turn;
  animation-duration: 4s;
  animation-fill-mode: forwards;
}

.right {
  border-radius: 60% 0 60% 0;
  left: calc(50% + 5px);
  transform: rotate3d(0, 1, 0, 45deg);
  transform-origin: left;
}

.left {
  border-radius: 0 60% 0 60%;
  left: calc(50% - 55px);
  transform: rotate3d(0, 1, 0, 45deg);
  transform-origin: right;
}

.pedals {
  z-index: 1;
  position: absolute;
  border-radius: 100%;
}
```

```
footer {  
  position: fixed;  
  bottom: 0;  
  right: 0;  
  padding: 10px;  
  color: ☐ white  
}  
  
#music-control span {  
  font-size: 48px;  
}
```