2-COUNTDOWN

1)INDEX.HTML

<!DOCTYPE *html*>

<html *lang*="en">

  <head>

    <meta *charset*="UTF-8" />

    <meta *name*="viewport" *content*="width=device-width, initial-scale=1.0" />

    <title>CountDown</title>

    <link *rel*="stylesheet" *href*="style.css" />

    <script *src*="script.js" *defer*></script>

  </head>

  <body>

    <h2>CountDown to New Year</h2>

    <div *class*="year">2024</div>

    <div *class*="countdown">

      <div *class*="day">00</div>

      <div *class*="hour">00</div>

      <div *class*="minute">00</div>

      <div *class*="second">00</div>

    </div>

  </body>

</html>

2)STYLE.CSS

body {

  margin: 0;

  display: flex;

  flex-direction: column;

  align-items: center;

  justify-content: center;

  height: 100vh;

  background-color: **rgb**(220, 209, 231);

  width: 100%;

}

h2 {

  color: **rgb**(0, 0, 0);

  text-align: center;

  text-transform: uppercase;

  letter-spacing: 4px;

}

.year {

  font-size: 5em;

  color: white;

  font-weight: bold;

}

.countdown {

  margin: 30px;

  background-color: gray;

  width: 100%;

  color: darkgray;

  height: 120px;

  display: flex;

  justify-content: center;

  align-items: center;

}

.countdown div {

  margin: 0 15px;

  font-size: 2.5rem;

  font-weight: 500;

  margin-top: -26px;

  text-align: center;

  width: 100px;

  position: relative;

*/\* parent one is relative \*/*

}

.countdown div::before {

  content: '';

  position: absolute;

*/\* child one is absolute \*/*

  bottom: -30px;

  left: 0;

  font-size: 0.35em;

  line-height: 35px;

  text-transform: uppercase;

  letter-spacing: 1px;

  font-size: 500;

  width: 100%;

  height: 35px;

}

.countdown .day::before {

  content: 'Days';

}

.countdown .hour::before {

  content: 'Hours';

}

.countdown .minute::before {

  content: 'Minutes';

}

.countdown .second::before {

  content: 'Seconds';

}

3)INDEX.JS

const dayEl = document.**querySelector**('.day');

const hourEl = document.**querySelector**('.hour');

const minuteEl = document.**querySelector**('.minute');

const secondEl = document.**querySelector**('.second');

const newYearTime = new **Date**('Jan 1, 2025 0:00:00').**getTime**();

function **updateCountdown**() {

  const now = new **Date**().**getTime**();

  const gap = newYearTime - now;

  const second = 1000;

  const minute = second \* 60;

  const hour = minute \* 60;

  const day = hour \* 24;

  const d = Math.**floor**(gap / day);

  const h = Math.**floor**((gap % day) / hour);

  const m = Math.**floor**((gap % hour) / minute);

  const s = Math.**floor**((gap % minute) / second);

  dayEl.innerHTML = d;

  hourEl.innerHTML = h;

  minuteEl.innerHTML = m;

  secondEl.innerHTML = s;

**setTimeout**(updateCountdown, 1000);

}

**updateCountdown**();