<!DOCTYPE html>

<html>

<head><title> rotating man 3D carousel </title>

<style>

\* { box-sizing: border-box; }

body { font-family: sans-serif; }

.scene {

border: 1px solid #CCC;

margin: 40px 0;

position: relative;

width: 210px;

height: 140px;

margin: 40px auto;

perspective: 1000px;

}

.carousel {

width: 100%;

height: 100%;

position: absolute;

transform: translateZ(-288px);

transform-style: preserve-3d;

transition: transform 1s;

}

.carousel\_\_cell {

position: absolute;

width: 190px;

height: 120px;

left: 10px;

top: 10px;

border: 2px solid black;

line-height: 116px;

font-size: 80px;

font-weight: bold;

color: white;

text-align: center;

}

.carousel\_\_cell:nth-child(9n+1) { background: hsla( 0, 100%, 50%, 0.8); }

.carousel\_\_cell:nth-child(9n+2) { background: hsla( 40, 100%, 50%, 0.8); }

.carousel\_\_cell:nth-child(9n+3) { background: hsla( 80, 100%, 50%, 0.8); }

.carousel\_\_cell:nth-child(9n+4) { background: hsla(120, 100%, 50%, 0.8); }

.carousel\_\_cell:nth-child(9n+5) { background: hsla(160, 100%, 50%, 0.8); }

.carousel\_\_cell:nth-child(9n+6) { background: hsla(200, 100%, 50%, 0.8); }

.carousel\_\_cell:nth-child(9n+7) { background: hsla(240, 100%, 50%, 0.8); }

.carousel\_\_cell:nth-child(9n+8) { background: hsla(280, 100%, 50%, 0.8); }

.carousel\_\_cell:nth-child(9n+0) { background: hsla(320, 100%, 50%, 0.8); }

.carousel\_\_cell:nth-child(1) { transform: rotateY( 0deg) translateZ(288px); }

.carousel\_\_cell:nth-child(2) { transform: rotateY( 40deg) translateZ(288px); }

.carousel\_\_cell:nth-child(3) { transform: rotateY( 80deg) translateZ(288px); }

.carousel\_\_cell:nth-child(4) { transform: rotateY(120deg) translateZ(288px); }

.carousel\_\_cell:nth-child(5) { transform: rotateY(160deg) translateZ(288px); }

.carousel\_\_cell:nth-child(6) { transform: rotateY(200deg) translateZ(288px); }

.carousel\_\_cell:nth-child(7) { transform: rotateY(240deg) translateZ(288px); }

.carousel\_\_cell:nth-child(8) { transform: rotateY(280deg) translateZ(288px); }

.carousel\_\_cell:nth-child(9) { transform: rotateY(320deg) translateZ(288px); }

</style>

</head>

<body>

<div class="scene">

<div class="carousel">

<div class="carousel\_\_cell">1</div>

<div class="carousel\_\_cell">2</div>

<div class="carousel\_\_cell">3</div>

<div class="carousel\_\_cell">4</div>

<div class="carousel\_\_cell">5</div>

<div class="carousel\_\_cell">6</div>

<div class="carousel\_\_cell">7</div>

<div class="carousel\_\_cell">8</div>

<div class="carousel\_\_cell">9</div>

</div>

</div>

<p style="text-align: center;">

<button class="previous-button">Previous</button>

<button class="next-button">Next</button>

</p>

<script>

var carousel = document.querySelector('.carousel');

var cellCount = 9;

var selectedIndex = 0;

function rotateCarousel() {

var angle = selectedIndex / cellCount \* -360;

carousel.style.transform = 'translateZ(-288px) rotateY(' + angle + 'deg)';

}

var prevButton = document.querySelector('.previous-button');

prevButton.addEventListener( 'click', function() {

selectedIndex--;

rotateCarousel();

});

var nextButton = document.querySelector('.next-button');

nextButton.addEventListener( 'click', function() {

selectedIndex++;

rotateCarousel();

});

</script>

</body>

</html>