## **Add Swiper HTML Layout**

Now, we need to add basic Swiper layout to our app:

<!-- Slider main container --><div class="swiper">

<!-- Additional required wrapper -->

<div class="swiper-wrapper">

<!-- Slides -->

<div class="swiper-slide">Slide 1</div>

<div class="swiper-slide">Slide 2</div>

<div class="swiper-slide">Slide 3</div>

...

</div>

<!-- If we need pagination -->

<div class="swiper-pagination"></div>

<!-- If we need navigation buttons -->

<div class="swiper-button-prev"></div>

<div class="swiper-button-next"></div>

<!-- If we need scrollbar -->

<div class="swiper-scrollbar"></div></div>

## **Swiper CSS Styles/Size**

In addition to [Swiper's CSS styles](https://swiperjs.com/api/" \l "styles" \t "/home/priya/Documents\\x/_blank), we may need to add some custom styles to set Swiper size:

.swiper {

width: 600px;

height: 300px;}

## **Initialize Swiper**

Finally, we need to initialize Swiper in JS:

const swiper = new Swiper('.swiper', {

// Optional parameters

direction: 'vertical',

loop: true,

// If we need pagination

pagination: {

el: '.swiper-pagination',

},

// Navigation arrows

navigation: {

nextEl: '.swiper-button-next',

prevEl: '.swiper-button-prev',

},

// And if we need scrollbar

scrollbar: {

el: '.swiper-scrollbar',

},});