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**Project: - HTML Image carousel**

**INTRODUCTION :**

I have developed a Html carousel using the Html , Css and Js. It contains five images of size 300 width and 250 height . Its is size is below 100kb only. The behavior of this project is coded in Js and the styles are done in Css. The mediamonks png is added and it surroundings contains the prev and next buttons.

It starts from the first slide and goes until the last slide, when it reaches the last slide then it will redirect to the first slide . If we are in the first slide and clicks prev buttons it goes to last slide. When we are in the last slide and clicks for the next button it redirects towards the first slide .

**PROGRAMMING** **LANGUAGES** :

Html , Css and Js

**SOURCE CODE :**

**Index.html :**

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

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

<!-- Linking External style sheet-->

<link rel="stylesheet" type="text/css" href="caro.css">

<title>Image Slider</title>

</head>

<body>

<div id="slider">

<!-- Adding logo-->

<img src="logo1.png" width="70" height="40" style="margin-left: 40%;padding: 10px;">

<ul id="slideWrap">

<!-- Adding images-->

<li><img src="a.jpg" alt=""></li>

<li><img src="b.jpg" alt=""></li>

<li><img src="c.jpg" alt=""></li>

<li><img src="d.jpg" alt=""></li>

<li><img src="e.jpg" alt=""></li>

</ul>

<!-- Adding prev and next buttons with there symbolic codes-->

<a id="prev" href="#">&#8810;</a>

<a id="next" href="#">&#8811;</a>

</div>

</body>

<!-- Adding external script file-->

<script type="text/javascript" src="caro.js"></script>

</html>

**Caro.css :**

/\*Bopdy slides\*/

body{

margin: 10%;

border: 2px solid black;

width: 300px;

}

/\* slider styles \*/

#slider{

position: relative;

width: 300px;

height: 250px;

overflow: hidden;

box-shadow: 0 0 30px rgba(0, 0, 0, 0.3);

}

#slider ul {

position: relative;

list-style: none;

height: 100%;

width: 10000%;

padding: 0;

margin: 0;

transition: all 750ms ease;

left: 0;

}

/\* list images floating left \*/

#slider ul li {

position: relative;

height: 100%;

float: left;

}

/\* In slide images size \*/

#slider ul li img{

width: 300px;

height: 200px;

}

/\*prev and next button styles\*/

#slider #prev, #slider #next {

width: 50px;

line-height: 50px;

border-radius: 50%;

font-size: 1.5rem;

text-shadow: 0 0 20px rgba(0, 0, 0, 0.6);

text-align: center;

color: blue;

text-decoration: none;

position: absolute;

top: 50%;

transform: translateY(-50%);

transition: all 150ms ease;

}

/\* prev button alignment \*/

#slider #prev {

left: 10px;

top: 30px;

}

/\* Next button alignment \*/

#slider #next {

right: 10px;

top: 30px;

}

/\* Prev and next button oo mouse hover style \*/

#slider #prev:hover, #slider #next:hover {

background-color: rgba(0, 0, 0, 0.5);

text-shadow: 0;

}

**Caro.js :**

var responsiveSlider = function() {

// creating the variables

var slider = document.getElementById("slider");

var sliderWidth = slider.offsetWidth;

var slideList = document.getElementById("slideWrap");

var count = 1;

var items = slideList.querySelectorAll("li").length;

var prev = document.getElementById("prev");

var next = document.getElementById("next");

window.addEventListener('resize', function() {

sliderWidth = slider.offsetWidth;

});

var nextSlide = function() {

//on clicking increasing slides if it is not a last slide

if(count < items) {

slideList.style.left = "-" + count \* sliderWidth + "px";

count++;

}

// on clicking next returning to first slide if it is last slide

else if(count = items) {

slideList.style.left = "0px";

count = 1;

}

};

var prevSlide = function() {

// on clicking prev returning to next slide if it is first slide

if(count > 1) {

count = count - 2;

slideList.style.left = "-" + count \* sliderWidth + "px";

count++;

}

// on clicking prev returning to last slide if it is first slide

else if(count = 1) {

count = items - 1;

slideList.style.left = "-" + count \* sliderWidth + "px";

count++;

}

};

//next event listener

next.addEventListener("click", function() {

nextSlide();

});

//prev event listener

prev.addEventListener("click", function() {

prevSlide();

});

//setting time interval as 8000ms

setInterval(function() {

nextSlide()

}, 8000);

};

//creating a onload event

window.onload = function() {

responsiveSlider();

}

**SNAPSHOTS :**

