

Module 3 - Project9_countdown_slideshow Assignment - Model Answer

```
<!--index.html-->

<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8" />
  <title>Project9_countdown_slideshow</title>
  <link rel="stylesheet" type="text/css" href="CSS/style.css" />
</head>

<body>
  <!--Countdown Timer Section-->
  <p>How many seconds would you like to set your alarm for?</p>
  <input type="number" id="seconds" value="" />
  <button onclick="countdown()" id="startBtn">Click here</button>
  <p id="timer"></p>

  <!--Slideshow Section-->
  <div class="slideshow-container">
    <!--full width images with number and caption text-->
    <div class="mySlides fade">
      <div class="numbertext">1 / 3</div>
      
      <div class="text">Snowy houses</div>
    </div>

    <div class="mySlides fade">
      <div class="numbertext">2 / 3</div>
      
      <div class="text">Snowy wood road</div>
    </div>

    <div class="mySlides fade">
      <div class="numbertext">3 / 3</div>
      
      <div class="text">Deer in the snow</div>
    </div>

    <!--Next and previous buttons-->
    <a class="prev" onclick="plusSlides(-1)">&#10094;</a>
    <a class="next" onclick="plusSlides(1)">&#10095;</a>
  </div>
  <br />

  <!--The current selection circles-->
  <div style="text-align: center">
    <span class="dot" onclick="currentSlide(1)"></span>
    <span class="dot" onclick="currentSlide(2)"></span>
    <span class="dot" onclick="currentSlide(3)"></span>
  </div>

  <script src="JS/main.js"></script>
</body>

</html>
```

```
/*style.css*/

* {
  box-sizing: border-box;
}

/*Slideshow container */
.slideshow-container {
  max-width: 1000px;
  position: relative;
  margin: auto;
}

/*Hide the images by default*/
.mySlides {
  display: none;
}

/*Next and previous buttons*/
.prev,
.next {
  cursor: pointer;
  position: absolute;
  top: 50%;
  width: auto;
  margin-top: -22px;
  padding: 16px;
  color: white;
  font-weight: bold;
  font-size: 18px;
  transition: 0.6s ease;
  border-radius: 0 3px 3px 0;
  user-select: none;
}

/*Position the next button to the right*/
.next {
  right: 0;
  border-radius: 3px 0 0 3px;
}

/*On hover, add a slightly transparent black background color to prev and next buttons*/
.prev:hover,
.next:hover {
  background-color: rgba(0, 0, 0, 0.8);
}
```

```

/*Caption text*/
.text {
    color: ■ #f2f2f2;
    font-size: 15px;
    padding: 8px 12px;
    position: absolute;
    bottom: 8px;
    width: 100%;
    text-align: center;
}

/*Number text (1/3 etc)*/
.numbertext {
    color: ■ white;
    font-size: 12px;
    padding: 8px 12px;
    position: absolute;
    top: 0;
}

/*The dots*/
.dot {
    cursor: pointer;
    height: 15px;
    width: 15px;
    margin: 0 2px;
    background-color: ■ #bbb;
    border-radius: 50%;
    display: inline-block;
    transition: background-color 0.6s ease;
}

.active,
.dot:hover {
    background-color: ■ #717171;
}

/*Fading animation*/
.fade {
    animation-name: fade;
    animation-duration: 1.5s;
}

@keyframes fade {
    from {
        | opacity: 0.4;
    }

    to {
        | opacity: 1;
    }
}

```

```
//main.js

//Countdown timer function
function countdown() {

    //gets the input from the user
    var seconds = document.getElementById("seconds").value;

    //function to perform the countdown
    function tick() {
        seconds = seconds - 1;
        timer.innerHTML = seconds;

        if (seconds > 0) {
            setTimeout(tick, 1000);
        } else {
            alert("Time's up!");
        }
    }

    tick();
}
```

```
//Image slideshow functions
let slideIndex = 1;
showSlides(slideIndex);

//Next/previous controls
function plusSlides(n) {
  showSlides(slideIndex += n);
}

//Thumbnail image controls
function currentSlide(n) {
  showSlides(slideIndex = n);
}

function showSlides(n) {
  let i;
  let slides = document.getElementsByClassName("mySlides");
  let dots = document.getElementsByClassName("dot");
  if (n > slides.length) {
    slideIndex = 1;
  }
  if (n < 1) {
    slideIndex = slides.length;
  }
  for (i = 0; i < slides.length; i++) {
    slides[i].style.display = "none";
  }

  for (i = 0; i < dots.length; i++) {
    dots[i].className = dots[i].className.replace(" active", "");
  }

  slides[slideIndex - 1].style.display = "block";
  dots[slideIndex - 1].className += " active";
}
```