Assignment 1

<!DOCTYPE html>

<html lang="en">

    <head>

        <meta charset="UTF-8">

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

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

        <title>Website AirPods</title>

    </head>

    <body>

        <!-- HEADER -->

        <header class="l-header">

            <nav class="nav bd-grid">

                <a href="#" class="nav\_\_logo">AirPods</a>

                <div class="nav\_\_menu" id="nav-menu">

                    <ul class="nav\_\_list">

                        <li class="nav\_\_item"><a href="#" class="nav\_\_link">Description</a></li>

                        <li class="nav\_\_item"><a href="#l-section" class="nav\_\_link">Specifications</a></li>

                    </ul>

                </div>

                <div class="nav\_\_actions">

                    <div class="nav\_\_toggle" id="nav-toggle">

                        <img src="assets/icons/bx-chevron-down.svg" alt="">

                    </div>

                    <a href="#" class="nav\_\_btn">Compare</a>

                </div>

            </nav>

        </header>

        <!-- HOME -->

        <main class="l-main bd-grid">

            <section class="home">

                <div class="home\_\_data">

                    <h1 class="home\_\_title">AirPods</h1>

                    <p class="home\_\_description">AirPods give you an unmatched wireless experience, now offering more hours of talk time and a new

                        wireless charging case.</p>

                </div>

                <div class="home\_\_img">

                    <!-- IMG -->

                    <img src="img/airpod1.png" alt="" class="airpod1">

                    <img src="img/airpod2.png" alt="" class="airpod2">

                </div>

                <div class="home\_\_scroll">

                    <span class="home\_\_scroll-text">Scroll down for more</span>

                    <a href="#l-section"><img src="assets/icons/bx-mouse.svg" alt="" class="home\_\_scroll-icon"></a>

                </div>

            </section>

            <!-- DETAILS AIRPODS -->

            <section class="l-section" id="l-section">

                <div class="details">

                    <div class="details\_\_content">

                        <div class="details\_\_box">

                            <span class="details\_\_initial">Battery</span>

                            <h3 class="details\_\_title">24<span> h</span></h3>

                            <p class="details\_\_description">battery with

                                the charging case</p>

                        </div>

                        <div class="details\_\_box">

                            <span class="details\_\_initial">Until</span>

                            <h3 class="details\_\_title">5<span> h</span></h3>

                            <p class="details\_\_description">battery with<br> a single charge</p>

                        </div>

                        <div class="details\_\_box">

                            <span class="details\_\_initial">Only</span>

                            <h3 class="details\_\_title">15<span> min</span></h3>

                            <p class="details\_\_description">of charge is equivalent<br> to up to 3 hours of<br> audio</p>

                        </div>

                    </div>

                    <div class="details\_\_img">

                        <img src="img/airpods.png" alt="" class="airpods">

                    </div>

                </div>

            </section>

        </main>

        <!-- GSAP -->

        <script src="https://cdnjs.cloudflare.com/ajax/libs/gsap/3.2.4/gsap.min.js"></script>

        <!-- TIMELINE MAX -->

        <script src="https://cdnjs.cloudflare.com/ajax/libs/gsap/2.0.2/TimelineMax.min.js"></script>

        <!-- SCROLLMAGIC -->

        <script src="//cdnjs.cloudflare.com/ajax/libs/ScrollMagic/2.0.7/ScrollMagic.min.js"></script>

        <script src="https://cdnjs.cloudflare.com/ajax/libs/ScrollMagic/2.0.6/plugins/animation.gsap.min.js"></script>

        <!-- MAIN -->

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

    </body>

</html>

Styles.css

/\*Google fonts\*/

@import url("https://fonts.googleapis.com/css2?family=Roboto:wght@300;400;700&display=swap");

/\*----- VARIABLES CSS Y SASS -----\*/

/\*Variables css\*/

/\*Colores\*/

:root {

  --first-color: #1D1D1F;

  --second-color: #0071E3;

  --white-color: #FFF;

}

/\*Fuente y tipografia\*/

:root {

  --body-font: 'Roboto', sans-serif;

  --biggest-font-size: 3.5rem;

  --bigger-font-size: 2.25rem;

  --big-font-size: 1.625rem;

  --normal-font-size: 0.813rem;

  --smaller-font-size: 0.75rem;

}

@media screen and (min-width: 768px) {

  :root {

    --biggest-font-size: 8rem;

    --bigger-font-size: 4.5rem;

    --big-font-size: 2.5rem;

    --normal-font-size: 1rem;

    --smaller-font-size: 0.938rem;

  }

}

/\*z index\*/

:root {

  --z-back: -10;

  --z-normal: 1;

  --z-tooltip: 10;

  --z-fixed: 100;

  --z-modal: 1000;

}

/\*----- BASE -----\*/

\*, ::before, ::after {

  -webkit-box-sizing: border-box;

          box-sizing: border-box;

}

html {

  scroll-behavior: smooth;

}

body {

  margin: 3rem 0 0 0;

  font-family: var(--body-font);

  background-color: var(--white-color);

  color: var(--first-color);

}

h1, h2, h3, p {

  margin: 0;

}

ul {

  margin: 0;

  padding: 0;

  list-style: none;

}

a {

  text-decoration: none;

}

img {

  max-width: 100%;

  height: auto;

}

/\*----- LAYOUT -----\*/

.bd-grid {

  max-width: 1200px;

  margin-left: 1rem;

  margin-right: 1rem;

}

.l-header {

  width: 100%;

  position: fixed;

  top: 0;

  left: 0;

  z-index: var(--z-fixed);

  background-color: var(--white-color);

}

/\*----- PAGES -----\*/

.nav {

  height: 3rem;

  display: -webkit-box;

  display: -ms-flexbox;

  display: flex;

  -webkit-box-pack: justify;

      -ms-flex-pack: justify;

          justify-content: space-between;

  -webkit-box-align: center;

      -ms-flex-align: center;

          align-items: center;

}

@media screen and (max-width: 768px) {

  .nav\_\_menu {

    position: fixed;

    top: -100%;

    left: 0;

    background-color: var(--white-color);

    width: 100%;

    height: 20%;

    padding: 2rem 1rem;

    z-index: var(--z-fixed);

    border-bottom: 1px solid gray;

    -webkit-transition: .5s;

    transition: .5s;

  }

}

.nav\_\_actions {

  display: -webkit-box;

  display: -ms-flexbox;

  display: flex;

  -webkit-box-align: center;

      -ms-flex-align: center;

          align-items: center;

}

.nav\_\_item {

  margin-bottom: 1.5rem;

}

.nav\_\_link {

  color: var(--first-color);

}

.nav\_\_link:hover {

  color: var(--second-color);

}

.nav\_\_logo {

  color: var(--first-color);

  font-weight: 700;

}

.nav\_\_toggle {

  display: inline;

  cursor: pointer;

  margin-right: 1rem;

}

.nav\_\_toggle img {

  width: 1.8rem;

}

.nav\_\_btn {

  background-color: var(--second-color);

  color: var(--white-color);

  padding: 0.375rem 1rem;

  border-radius: 2rem;

}

/\*Aparecer menu\*/

.show {

  top: 3rem;

}

/\*Home\*/

.home {

  height: calc(100vh - 3rem);

  display: -ms-grid;

  display: grid;

  -ms-grid-rows: 1.5fr 1fr 1fr;

      grid-template-rows: 1.5fr 1fr 1fr;

      grid-template-areas: "data" "img" "scroll";

  row-gap: 1.5rem;

}

.home\_\_data {

  -ms-grid-row: 1;

  -ms-grid-column: 1;

  grid-area: data;

  text-align: center;

  padding-top: 3.5rem;

}

.home\_\_title {

  font-size: var(--biggest-font-size);

  font-weight: 400;

  margin-bottom: 1.5rem;

}

.home\_\_description {

  font-size: var(--normal-font-size);

  padding: 0 1rem;

}

.home\_\_img {

  -ms-grid-row: 2;

  -ms-grid-column: 1;

  grid-area: img;

  display: -webkit-box;

  display: -ms-flexbox;

  display: flex;

  -webkit-box-pack: center;

      -ms-flex-pack: center;

          justify-content: center;

}

.home\_\_img img {

  width: 81px;

  height: 177px;

  margin-right: 1rem;

}

.home\_\_scroll {

  -ms-grid-row: 3;

  -ms-grid-column: 1;

  grid-area: scroll;

  text-align: center;

  -ms-flex-item-align: center;

      -ms-grid-row-align: center;

      align-self: center;

}

.home\_\_scroll-text {

  display: block;

  font-size: 0.75rem;

  margin-bottom: 1rem;

}

.home\_\_scroll-icon {

  width: 2rem;

}

/\*ANIMATION\*/

.airpod1 {

  -webkit-animation: airpod1 3s infinite;

          animation: airpod1 3s infinite;

}

@-webkit-keyframes airpod1 {

  50% {

    -webkit-transform: translatey(-6%);

            transform: translatey(-6%);

  }

}

@keyframes airpod1 {

  50% {

    -webkit-transform: translatey(-6%);

            transform: translatey(-6%);

  }

}

.airpod2 {

  -webkit-animation: airpod2 3s infinite;

          animation: airpod2 3s infinite;

}

@-webkit-keyframes airpod2 {

  50% {

    -webkit-transform: translatey(6%);

            transform: translatey(6%);

  }

}

@keyframes airpod2 {

  50% {

    -webkit-transform: translatey(6%);

            transform: translatey(6%);

  }

}

/\*Details airpods\*/

.details {

  height: calc(100vh - 3rem);

  display: -ms-grid;

  display: grid;

  -ms-grid-columns: max-content max-content;

      grid-template-columns: -webkit-max-content -webkit-max-content;

      grid-template-columns: max-content max-content;

  -ms-flex-line-pack: center;

      align-content: center;

  -webkit-box-pack: center;

      -ms-flex-pack: center;

          justify-content: center;

}

.details\_\_box {

  margin-bottom: 2.5rem;

  text-align: center;

}

.details\_\_initial {

  font-size: var(--smaller-font-size);

}

.details\_\_title {

  font-size: var(--bigger-font-size);

  font-weight: 400;

}

.details\_\_title span {

  font-size: var(--big-font-size);

}

.details\_\_description {

  font-size: var(--normal-font-size);

}

.details\_\_img {

  width: -webkit-max-content;

  width: -moz-max-content;

  width: max-content;

  -ms-flex-item-align: center;

      -ms-grid-row-align: center;

      align-self: center;

}

.details\_\_img img {

  width: 218px;

}

/\*ANIMATION\*/

.airpods {

  -webkit-animation: airpods 3s infinite;

          animation: airpods 3s infinite;

}

@-webkit-keyframes airpods {

  50% {

    -webkit-transform: translatey(-6%);

            transform: translatey(-6%);

  }

}

@keyframes airpods {

  50% {

    -webkit-transform: translatey(-6%);

            transform: translatey(-6%);

  }

}

/\*----- MEDIA QUERIES -----\*/

@media screen and (min-width: 768px) {

  body {

    margin: 0;

  }

  .nav {

    height: 4rem;

  }

  .nav\_\_menu {

    margin-left: auto;

  }

  .nav\_\_list {

    display: -webkit-box;

    display: -ms-flexbox;

    display: flex;

  }

  .nav\_\_item {

    margin-right: 1.5rem;

    margin-bottom: 0;

  }

  .nav\_\_toggle {

    display: none;

  }

  .home {

    height: 100vh;

    -ms-grid-columns: min-content;

        grid-template-columns: -webkit-min-content;

        grid-template-columns: min-content;

    -ms-grid-rows: 80% 10%;

        grid-template-rows: 80% 10%;

        grid-template-areas: "data img"

 "scroll scroll";

    -ms-flex-line-pack: end;

        align-content: flex-end;

    -webkit-box-pack: center;

        -ms-flex-pack: center;

            justify-content: center;

    -webkit-column-gap: 4rem;

            column-gap: 4rem;

  }

  .home\_\_data {

    -ms-grid-row: 1;

    -ms-grid-column: 1;

    grid-area: data;

    padding: 0;

    -ms-flex-item-align: center;

        -ms-grid-row-align: center;

        align-self: center;

    text-align: initial;

  }

  .home\_\_description {

    padding: 0 5rem 0 0;

  }

  .home\_\_img {

    -ms-grid-row: 1;

    -ms-grid-column: 2;

    grid-area: img;

    -ms-flex-item-align: center;

        -ms-grid-row-align: center;

        align-self: center;

  }

  .home\_\_img img {

    width: 114px;

    height: 248px;

  }

  .home\_\_scroll {

    -ms-grid-row: 2;

    -ms-grid-column: 1;

    -ms-grid-column-span: 2;

    grid-area: scroll;

    padding-bottom: 2rem;

  }

  /\*DETAILS\*/

  .details {

    -webkit-column-gap: 4rem;

            column-gap: 4rem;

  }

  .details\_\_box {

    margin-bottom: 2rem;

  }

  .details\_\_img {

    -ms-flex-item-align: center;

        -ms-grid-row-align: center;

        align-self: center;

  }

  .details\_\_img img {

    width: 300px;

  }

}

@media screen and (min-width: 1200px) {

  .bd-grid {

    margin-left: auto;

    margin-right: auto;

  }

}

Main.js

const showMenu = (toggleId, navId) =>{

    const toggle = document.getElementById(toggleId),

    nav = document.getElementById(navId)

    if(toggle && nav){

        toggle.addEventListener('click', ()=>{

            nav.classList.toggle('show')

        })

    }

}

showMenu('nav-toggle','nav-menu')

/\*-- ANIMATE GSAP --\*/

/\*TEXT\*/

gsap.from('.home\_\_title', {opacity: 0, duration: 1.5, delay: .5, y: 50})

gsap.from('.home\_\_description', {opacity: 0, duration: 1.5, delay: .8, y: 50})

/\*IMG AIRPOD\*/

gsap.from('.airpod1', {opacity: 0, duration: 2, delay: 1.2, y: -40})

gsap.from('.airpod2', {opacity: 0, duration: 2, delay: 1.4, y: 40})

/\*NAV\*/

gsap.from('.nav\_\_logo', {opacity:0, duration: 2.5, delay: 1.5, y: 25});

gsap.from('.nav\_\_toggle', {opacity:0, duration: 2.5, delay: 1.7, y: 25});

gsap.from('.nav\_\_item', {opacity: 0, duration: 2.5, delay: 1.9, y: 25, ease:'expo.out', stagger: .3})

gsap.from('.nav\_\_btn', {opacity:0, duration: 2.5, delay: 2, y: 25});

/\*SCROLL\*/

gsap.from('.home\_\_scroll', {opacity: 0, duration: 1.5, delay: 2.3, y: 30})

/\*-- ANIMATE SCROLLMAGIC --\*/

var animate = new TimelineMax({onUpdate:updatePercentage})

var  controller = new ScrollMagic.Controller()

/\*DETAILS\*/

animate

.from('.details\_\_img', {opacity: 0, y: 25})

.from('.details\_\_box', {opacity: 0, y: 25, duration: 1, ease:'expo.out', stagger: .4})

var scene = new ScrollMagic.Scene({

    triggerElement: ".details\_\_box",

})

.setTween(animate)

.addTo(controller)

function updatePercentage(){

    animate.progress()

}

Outputs:



