

PORTFOLIO PROJECT

Submitted by

BALAMURUGAN K

Reg. No: 1P22MC009

In partial fulfilment of the requirement for the award of the Degree of

Master of Computer Applications

Bharathiar University

Coimbatore.

Under the Internal Supervision of

Mrs K Swathy

Faculty

School of Computer Studies-MCA



Master of Computer Applications,

Rathnavel Subramaniam College of Arts and Science (Autonomous),

Sulur, Coimbatore – 641 402

December 2022

RATHNAVEL SUBRAMANIAM COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

AFFILIATED TO BHARATHIAR UNIVERSITY

NAAC Re-accredited & ISO 9000:2008 Certified

SULUR, COIMBATORE-641402.



December 2022

Register Number – 1P22MC09

Certified Bonafide original record of work done by **BALAMURUGAN K**

Internal Supervisor

HOD

Submitted for the project Evaluation and Viva voice held on.....

Internal Examiner

External Examiner

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PORTFOLIO PROJECT

CHAPTER 1

Video Introduction

1.1-Video



```
<!--Self Introduction Video -->
```

```
<center>
```

```
<div>
```

```
<iframe width="560" height="315"
```

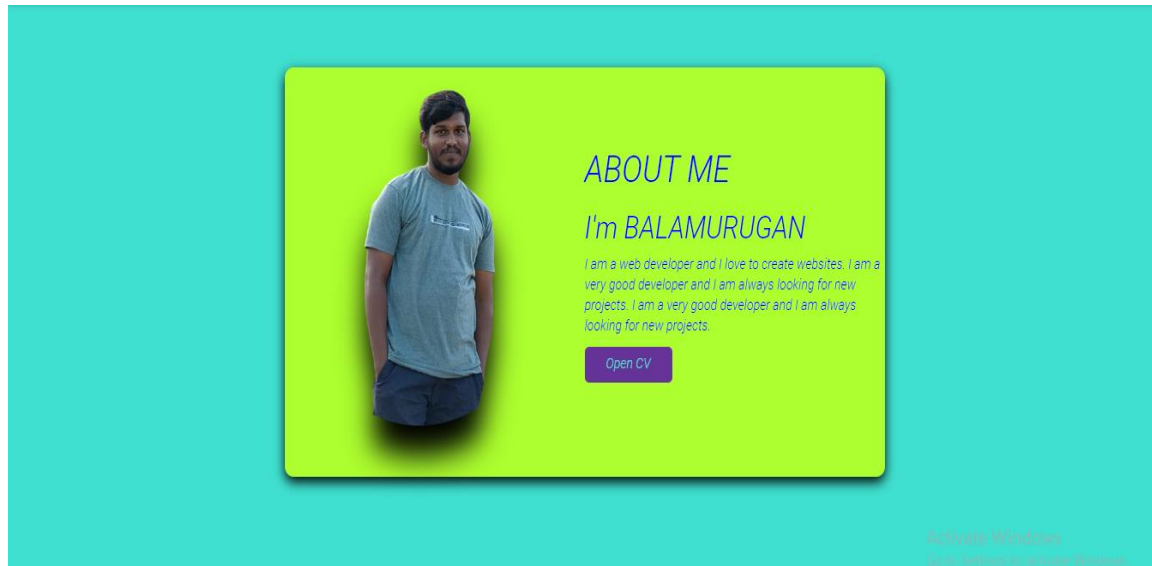
```
src="https://www.youtube.com/embed/OhV6EdfzBWc" title="YouTube  
video player" frameborder="0" allow="accelerometer; autoplay;  
clipboard-write; encrypted-media; gyroscope; picture-in-picture"  
allowfullscreen></iframe>
```

```
</div></center>
```

CHAPTER 2

Website Bio Score

2.1- About Page



Description:

In this page, there is an Image of mine, aboutme and also an option called DOWNLOAD RESUME. So, that if any user wants to see the resume they can directly download from here.

Index:

```
<!-- About -->

<section id="about">
  <div class="circle">
    
  <div class="content">
    <h1>ABOUT ME</h1>
    <h2>I'm BALAMURUGAN</h2>
    <p>I am a web developer and I love to create websites. I am a very good developer
and I am always looking for new projects. I am a very good developer and I am always
looking for new projects.</p>
```

```

        <a href="/image/BALAMURUGAN K Resume (2)_0.jpg" class="button"> Open
CV</a>

    </div>

</div>

</section>

```

CSS:

```

/* About */

#about{
    display: flex;
    justify-content: center;
    align-items: center;
    background-color: turquoise;
}

.circle{
    width: 400px;
    height: 400px;
    background: greenyellow;
    border-radius: 50%;
    position: relative;
    box-shadow: 0px 5px 12px black;
    margin-bottom: 3%;
    margin-top: 8%;
    transition: 1s;
}

.circle img{
    position: absolute;

```

```
height: 350px;
top: -20%;
left: 6%;
border-radius: 50%;
filter: drop-shadow(0px 30px 15px black);
transition: 1s;
}
.circle:hover{
width: 700px;
height: 400px;
border-radius: 10px;
transition: 1s;
}
.circle:hover img{
position: absolute;
top: 0%;
left: 0%;
transition: 1s;
}
.circle:hover .content{
position: absolute;
top: 15%;
right: 0;
color: blue;
width: 50%;
opacity: 1;
transition: 1s;
}
.circle .content{
```



```
opacity: 0;
}

@media screen and (max-width:576px) {

  .circle{

    width: 400px;

    height: 400px;

    background: #F08080;

    border-radius: 50%;

    position: relative;

    box-shadow: 0px 5px 12px black;

    margin-bottom: 3%;

    margin-top: 8%;

    transition: 1s;

  }

  .circle:hover img{

    position: absolute;

    top: 0%;

    left: 8%;

    transition: 1s;

  }

  .circle:hover{

    width: 400px;

    height: 600px;

    border-radius: 10px;

    transition: 1s;

  }

  .circle:hover .content{

    position: absolute;

    top: 60%;
```

```

    right: 0;

    color: white;

    padding: 15px;

    width: 100%;

    opacity: 1;

    transition: 1s;

}

.circle .content {

    Opacity : 0;

}

}

.button{

    Display : inline-block;

    Color : turquoise;

    padding: 0.75rem 2.5rem;

    font-weight: var (--font-semi);

    border-radius: 0.5rem;

    background: rebeccapurple ;

}

.button:hover {

    box-shadow:0 10px 36px rgba(0, 0, 0,0.15 ) ;

}

```

2.2-Contact Page

Figure 2.2.1

Contact Us

Your Name

Your Email

Your Message

Submit

balamurugan1891@gmail.com

9876543210

f t i in

Download CV

Description:

The above displayed figure is a contact page in the website. If the user wants to contact me, they can fill the form with their valid details. Once the user filled and submitted the form, the page will be displayed as figure 2.2.1. This will be possible only after filling all the fields in the form.

Index:

```
<!--Contact section Start ---->
<div id="contact">
  <div class="contenier">
    <div class="row">
      <div class="contact-left">
        <h1 class="sub-title">Contact Us</h1>
        <p><i class="fa-solid fa-paper-plane"></i>balamurugan1891@gmail.com</p>
        <p><i class="fa-solid fa-square-phone-flip"></i>9876543210</p>
        <div class="social-icons">
          <a href=""><i class="fa fa-facebook"></i></a>
          <a href=""><i class="fa fa-twitter"></i></a>
          <a href=""><i class="fa fa-instagram"></i></a>
          <a href=""><i class="fa-brands fa-linkedin"></i></a>
        </div>
        <a href="images/RESUME MY.docx" download="cv/sample.pdf" class="btn btn2">Download CV </a>
      </div>
    </div>
  </div>
</div>
```

```

    </div>
    <div class="contact-right">
        <form >
            <input type="text" name="Name" placeholder="Your Name" required>
            <input type="Email" name="Email" placeholder="Your Email" required>
            <textarea name="message" rows="6" placeholder="Your
Message"></textarea>
            <button type="submit" class="btn btn2">Submit</button>
        </form>
    </div>
</div>
</div>
</div>
<!--Contact section End ---->

```

Css:

```

/*----- Start Contact section -----*/
#contact{
    color: white;
    background: turquoise;
    padding-top: 50px;
    padding-left: 2%;
    margin-top: 5%;
}
.contact-left{
    flex-basis: 35%;
    font-family: sans-serif;
}
.contact-left h1{
    font-family: 'Times New Roman', Times, serif;
    font-size: 400%;
    font-weight: 500;
    color: black;
}
.contact-right{
    flex-basis: 60%;
}
.contact-left p{
    margin-top: 30px;
}

```

```

}
.contact-left p i{
  color: black;
  margin-right: 15px;
  font-size: 25px;
}
.social-icons{
  margin-top: 30px;
}
.social-icons a{
  text-decoration: none;
  font-size: 30px;
  margin-right: 15px;
  color: black;
  display: inline-block;
  transition: transform 0.5s;
}
.social-icons a:hover{
  color: springgreen;
  transform: translateY(-5px);
}
.btn.btn2{
  background: springgreen;
  display: inline-block;
}
.contact-right form {
  width: 100%;
}
form input, form textarea{
  width: 100%;
  border: 0;
  outline: none;
  background: white;
  padding: 15px;
  margin: 15px 0;
  color: #fff;
  font-size: 18px;
  border-radius: 6px;
}

```

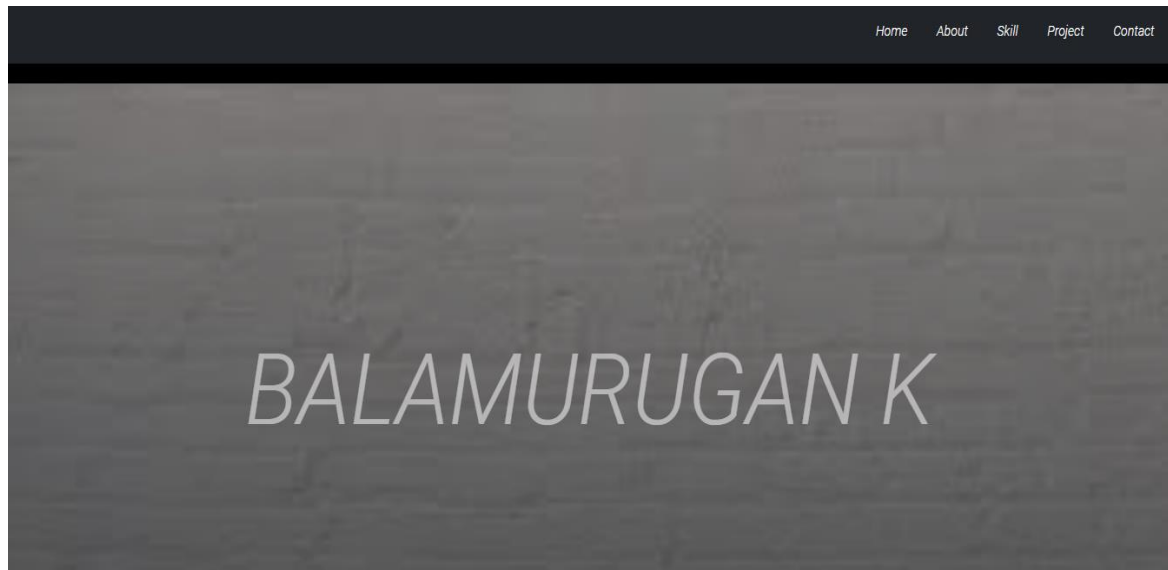
```
}  
form .btn2{  
    padding: 14px 60px;  
    font-size: 18px;  
    margin-top: 20px;  
    cursor: pointer;  
}  
.copyright{  
    width: 100%;  
    text-align: center;  
    padding: 25px 0;  
    background: white;  
    font-weight: 300;  
    margin-top: 20px;  
}  
.copyright i{  
    color: springgreen;  
}  
  
/*----- End Contact section -----*/
```

CHAPTER 3

Pages & Navigation

3.1-Landing Page

3.3.1



Index:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Bala portfolio</title>
  <link rel="stylesheet" href="style.css">
  <link rel="stylesheet" href="main.js">
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.1/dist/css/bootstrap.min.css"
rel="stylesheet">
  <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.4/assets/owl.carousel.min.css"
"/>
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.0.0/css/all.min.css" integrity="sha512-
```

```

9usAa10IRO0HhonpyAIVpjrylPvoDwiPUiKdWk5t3PyolY1cOd4DSE0Ga+ri4AuTroPR5a
QvXU9xC6qOPnzFeg==" crossorigin="anonymous" referrerpolicy="no-referrer">
  <link rel="stylesheet" href="http://maxcdn.bootstrapcdn.com/font-
awesome/4.2.0/css/font-awesome.min.css">
  <!-- bootstrap Link -->
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.1/jquery.min.js"></script>
  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
</head>
<body>
  <!-- navbar -->
  <header>
    <!-- <a class="navbar-brand" href="#">BALAMURUGAN</a> -->

    <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
      <div class="container-fluid">

        <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-
target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
expanded="false" aria-label="Toggle navigation">
          <span class="navbar-toggler-icon"></span>
        </button>
        <div class="collapse navbar-collapse" id="navbarSupportedContent">
          <ul class="navbar-nav ms-auto mb-2 mb-lg-0">
            <li class="nav-item">
              <a class="nav-link" href="#home">Home</a>
            </li>
            <li class="nav-item">
              <a class="nav-link" href="#about">About</a>
            </li>
            <li class="nav-item">
              <a class="nav-link" href="#skills">Skill</a>
            </li>
            <li class="nav-item">
              <a class="nav-link" href="#project">Project</a>
            </li>
            <li class="nav-item">
              <a class="nav-link" href="#contact">Contact</a>
            </li>
          </ul>
        </div>
      </div>
    </nav>
  </header>

```



```

</nav>
</header>
<!-- Home -->

<section id="home">
  <p class="text-center">I'M</p>
  <p class="text-center">BALAMURUGAN K</p>
  <p class="text-center">FRONT-END DEVOLPER & WEB DEVOLPER</p>
</section>

```

Css:

```

@import
url('https://fonts.googleapis.com/css2?family=Roboto:ital,wght@1,300&display=swap');
*{
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  font-family: 'Roboto', sans-serif;
}
header{
  background-color: black ;
  position: fixed;
  width: 100%;
}
header .navbar-brand{
  float: left;
  color: white;
  margin-left: 43%;
}
nav{
  width: 100%;
  /* position: sticky !important; */
  left: 0%;
  top: 0%;
  z-index: 10;
  padding-left: 70%;
  background-color: black;
}
.nav-item{

```

```

margin-left: 10%;
}
.nav-link{
color: white !important;
border-bottom: 1px solid transparent;
}
.nav-link:hover{
border-bottom: 1px solid white;
}
section{
width: 100%;
min-height: 100vh;
}
#home{
width: 100%;
height: 100vh;
background: linear-gradient(rgba(0,0,0,.4),rgba(0,0,0,.6)),url(images/bg2.jpg);
background-size: cover;
background-position: center;
background-repeat: no-repeat;
display: flex;
align-items: center;
color: white;
flex-direction: column;
margin-bottom: 2%;
}
#home p{
position: absolute;
top: 50%;
font-size: 100px;
opacity: 0;
animation: text 3s ease-in-out;
}

#home p:nth-child(1){
animation-delay: 0s;
}
#home p:nth-child(2){
animation-delay: 3s;
}
#home p:nth-child(3){
animation-delay: 6s;
}

```

```
#home p:nth-child(){
  animation: reverse;
}
@keyframes text{
  50%{
    opacity: 1;
  }
  100%{
    opacity: 0;
  }
}

@media screen and (max-width:576px) {
  #home p{
    font-size: 80px;
  }
}
```

3.2-Project Page

Figure 3.2.1

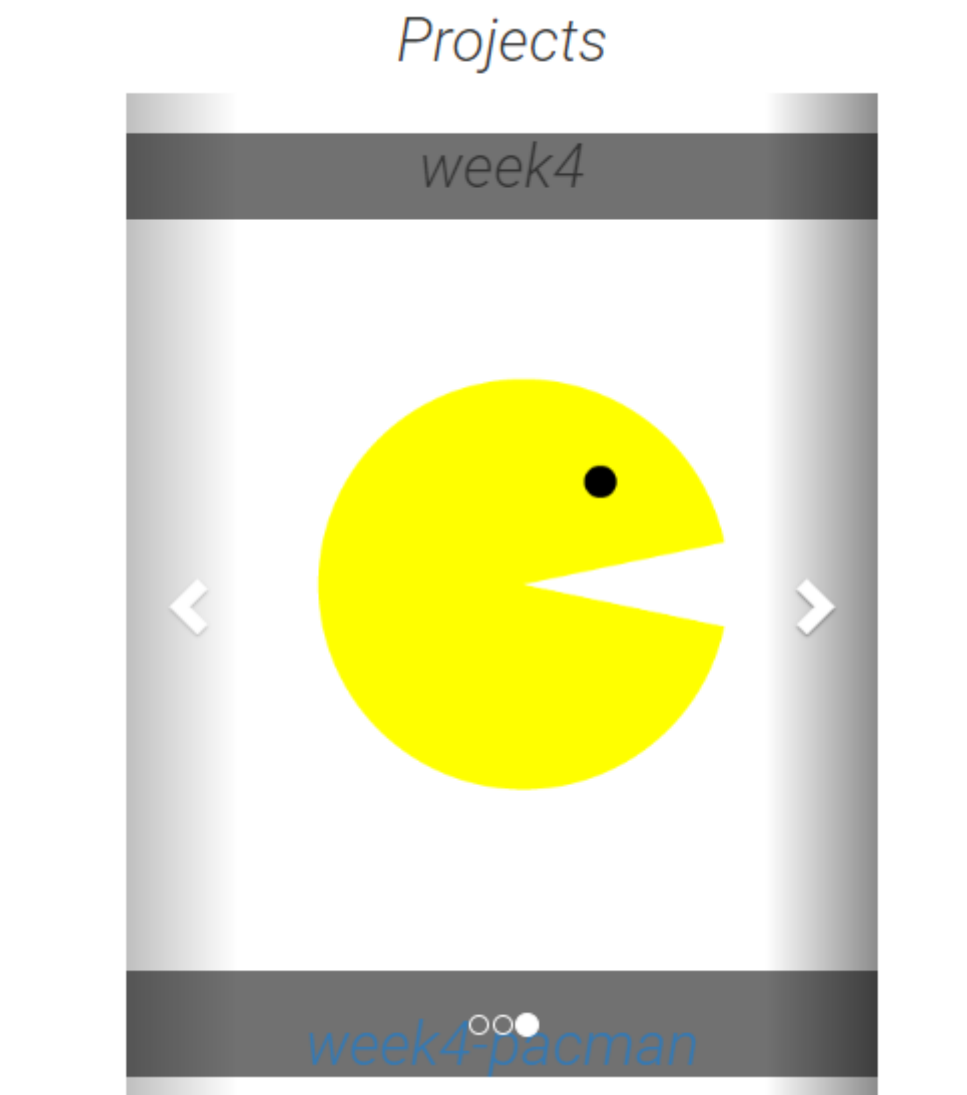


Figure 3.2.2



Description:

The above figures 3.2.1, 3.2.2 are the screenshot of project and activities page in a desktop view.

Index:

```
<!-- project section -->
<div class="project" id="project">
  <center><h2>Projects</h2> </center>
<div class="container" style="width:30%;">
  <div id="myCarousel" class="carousel slide" data-ride="carousel">
    <!-- Indicators -->
    <ol class="carousel-indicators">
      <li data-target="#myCarousel" data-slide-to="0" class="active"></li>
      <li data-target="#myCarousel" data-slide-to="1"></li>
      <li data-target="#myCarousel" data-slide-to="2"></li>
    </ol>

    <!-- Wrapper for slides -->
    <div class="carousel-inner" >
```

```

<div class="item active">
  <center> <h2 class="weeek">week2</h2></center>
  
  <a href="https://github.com/RathnavelSubramaniam/week-2-javascript-
GOKULKANNAN1604.git"> <center> <h2>week2-ball creating</h2></center></a>
</div>

<div class="item">
  <center> <h2 class="weeek">week2</h2></center>
  
  <a href="https://github.com/RathnavelSubramaniam/week-2-javascript-
GOKULKANNAN1604.git"><center> <h2>week2-ball moving</h2></center></a>
</div>

<div class="item">
  <center> <h2 class="weeek">week4</h2></center>
  
  <a href="https://github.com/RathnavelSubramaniam/week-4-introduction-to-
javascript-GOKULKANNAN1604.git"><center> <h2>week4-pacman</h2></center></a>
</div>
</div>

<!-- Left and right controls -->
<a class="left carousel-control" href="#myCarousel" data-slide="prev">
  <span class="glyphicon glyphicon-chevron-left"></span>
  <span class="sr-only">Previous</span>
</a>
<a class="right carousel-control" href="#myCarousel" data-slide="next">
  <span class="glyphicon glyphicon-chevron-right"></span>
  <span class="sr-only">Next</span>
</a>
</div>
</div>
</div>

<!-- service section starts -->

<section class="service" id="service">

  <h1 class="heading"> <span> My </span> Github Activities </h1>

  <div class="box-container">

```

```
<div class="box">
  <i class="fas fa-desktop"></i>
  <h3>Week 1</h3>
</div>

<div class="box">
  <i class="fas fa-desktop"></i>
  <h3>Week 2</h3>
</div>

<div class="box">
  <i class="fas fa-desktop"></i>
  <h3>Week 3</h3>
</div>

<div class="box">
  <i class="fas fa-desktop"></i>
  <h3>Week 4</h3>
</div>

<div class="box">
  <i class="fas fa-desktop"></i>
  <h3>Week 5</h3>
</div>

<div class="box">
  <i class="fas fa-desktop"></i>
  <h3>Week 6</h3>
</div>
<div class="box">
  <i class="fas fa-desktop"></i>
  <h3>Week 7</h3>
</div>
<div class="box">
  <i class="fas fa-desktop"></i>
  <h3>Week 8</h3>
</div>
<div class="box">
  <i class="fas fa-desktop"></i>
  <h3>Week 9</h3>
</div>
<div class="box">
```

```

        <i class="fas fa-desktop"></i>
        <h3>Week 10</h3>
    </div>

</div>

</section>

<!-- service section ends -->

```

Css:

```

/* project */

* { box-sizing: border-box }
body { font-family: Verdana, sans-serif; margin:0 }
.mySlides { display: none }
img { vertical-align: middle;}

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

/* Next & previous buttons */
.prev, .next {
  cursor: pointer;
  position: absolute;
  top: 50%;
  width: auto;
  padding: 16px;
  margin-top: -22px;
  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 black background color with a little bit see-through */
.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: #f2f2f2;
  font-size: 12px;
  padding: 8px 12px;
  position: absolute;
  top: 0;
}

/* The dots/bullets/indicators */
.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: .4 }
  to { opacity: 1 }
}

/* On smaller screens, decrease text size */
@media only screen and (max-width: 300px) {
  .prev, .next, .text { font-size: 11px }
}

/* Services section */
.service .box-container{
  display: flex;
  flex-wrap: wrap;
  gap: 1.5rem;
}
.service .heading{
  text-align: center;
  font-family: 'Times New Roman', Times, serif;
}

.service .box-container .box{
  flex: 1 1 30rem;
  text-align: center;
  padding: 2rem;
  background: turquoise;
  border-radius: .5rem;
  box-shadow: 0 .5rem 1rem rgba(0,0,0,.1);
}
.service .box-container .box:hover{
  background-color: white;
}

```

```

}
.service .box-container .box i{
  height:6rem;
  width:6rem;
  line-height: 6rem;
  font-size: 2.5rem;
  color: white;
  background:var(--main-color);
  border-radius: 50%;
}
.service .box-container .box i{
  background-color: turquoise;
}
.service .box-container .box h3{
  color:#444;
  font-size: 2.2rem;
  padding-top: 1rem;
}

.service .box-container .box p{
  color:#666;
  font-size: 1.7rem;
  padding-top: .5rem;
}

/* End Services section */

```

Js:

```

let slideIndex = 1;
showSlides(slideIndex);

function plusSlides(n) {
  showSlides(slideIndex += n);
}

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";
}

```

3.3-Navigation Bar

Figure 3.3.1

Desktop View:



Index:

```

<!-- navbar -->
<header>
<!-- <a class="navbar-brand" href="#">BALAMURUGAN</a> -->

<nav class="navbar navbar-expand-lg navbar-dark bg-dark">
  <div class="container-fluid">

    <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-
target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
expanded="false" aria-label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarSupportedContent">

```

```

<ul class="navbar-nav ms-auto mb-2 mb-lg-0">
  <li class="nav-item">
    <a class="nav-link" href="#home">Home</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" href="#about">About</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" href="#skills">Skill</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" href="#project">Project</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" href="#contact">Contact</a>
  </li>
</ul>
</div>
</nav>
</header>

```

Css:

```

nav{
  width: 100%;
  /* position: sticky !important; */
  left: 0%;
  top: 0%;
  z-index: 10;
  padding-left: 70%;
  background-color: black;
}
.nav-item{
  margin-left: 10%;
}
.nav-link{
  color: white !important;
  border-bottom: 1px solid transparent;
}

```

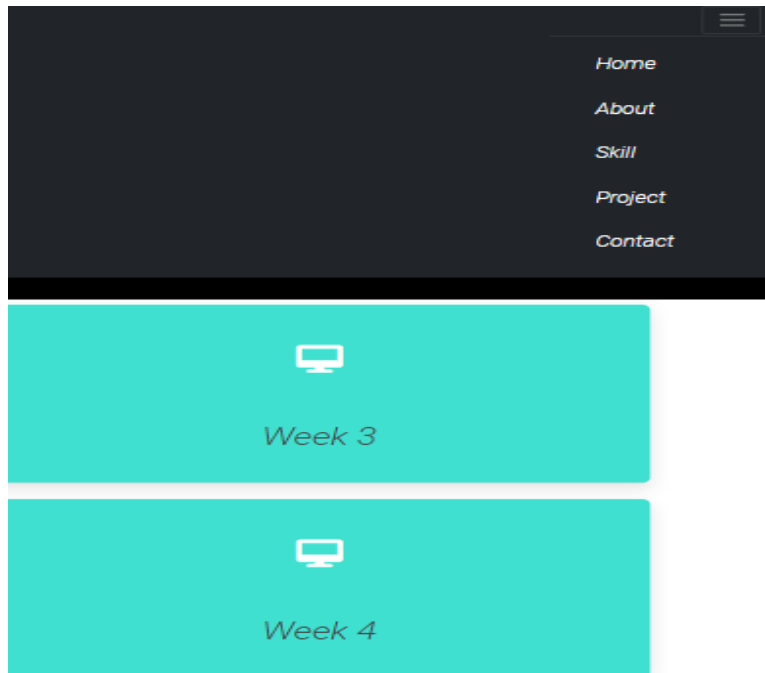
```

}
.nav-link:hover{
  border-bottom: 1px solid white;
}

```

Figure 3.3.2

Mobile View:



Description:

The above figures Shows the Navigation bars in Desktop view and Mobile modes

Css:

```

@keyframes text{
  50% {
    opacity: 1;
  }
  100% {
    opacity: 0;
  }
}

@media screen and (max-width:576px) {
  #home p{

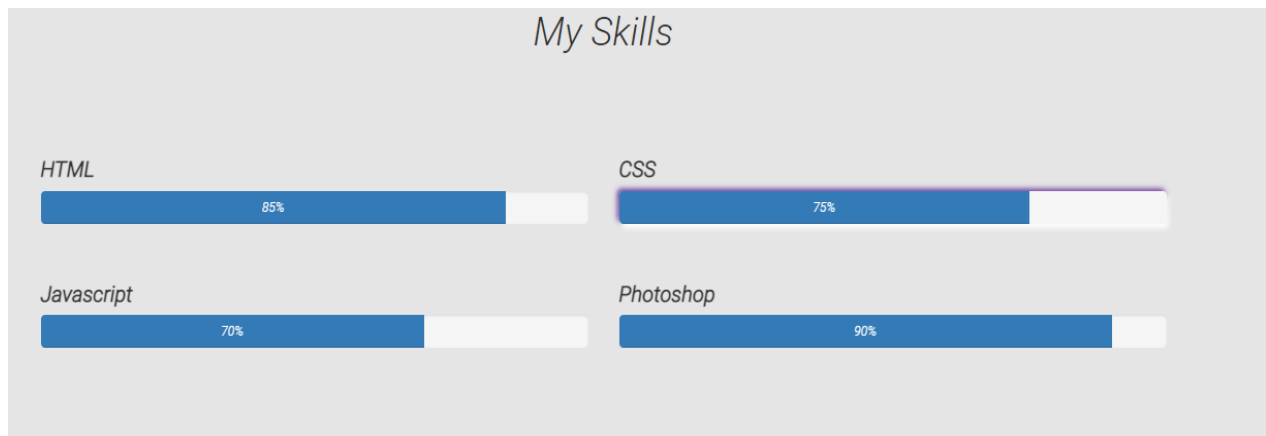
```

```
font-size: 80px;
}

@media screen and (max-width:576px) {
  .circle{
    width: 400px;
    height: 400px;
    background: #F08080;
    border-radius: 50%;
    position: relative;
    box-shadow: 0px 5px 12px black;
    margin-bottom: 3%;
    margin-top: 8%;
    transition: 1s;
  }
  .circle:hover img{
    position: absolute;
    top: 0%;
    left: 8%;
    transition: 1s;
  }
  .circle:hover{
    width: 400px;
    height: 600px;
    border-radius: 10px;
    transition: 1s;
  }
  .circle:hover .content{
    position: absolute;
    top: 60%;
    right: 0;
    color: white;
    padding: 15px;
    width: 100%;
    opacity: 1;
    transition: 1s;
  }
  .circle .content{
    opacity: 0;
  }
}
```

3.3 Skill View:

Figure 3.3.3



Description:

The above figures are skill page, which contain a subdivision named PERSONAL SKILLS.

Index:

```
<!-- Skill -->

<section id="skills">
  <h1 class="text-center">My Skills</h1>
  <div class="container">
    <div class="row p-lg-3 p-0 mb-lg-3 mb-0">
      <div class="col-lg-6 col-12 pt-lg-0 pt-3">
        <label>HTML</label>
        <div class="progress">
          <div class="progress-bar" role="progressbar" aria-label="Example with label"
style="width: 85%;" aria-valuenow="25" aria-valuemin="0" aria-
valuemax="100">85%</div>
        </div>
      </div>
      <div class="col-lg-6 col-12 pt-lg-0 pt-3">
```



```

<label>CSS</label>
<div class="progress">
  <div class="progress-bar" role="progressbar" aria-label="Example with label"
style="width: 75%;" aria-valuenow="25" aria-valuemin="0" aria-
valuemax="100">75%</div>
</div>

</div>
</div>
<div class="row p-lg-3 p-0 mb-lg-3 mb-0">
  <div class="col-lg-6 col-12 pt-lg-0 pt-3">
    <label>Javascript</label>
    <div class="progress">
      <div class="progress-bar" role="progressbar" aria-label="Example with label"
style="width: 70%;" aria-valuenow="25" aria-valuemin="0" aria-
valuemax="100">70%</div>
    </div>
  </div>
  <div class="col-lg-6 col-12 pt-lg-0 pt-3">
    <label>Photoshop</label>
    <div class="progress">
      <div class="progress-bar" role="progressbar" aria-label="Example with label"
style="width: 90%;" aria-valuenow="25" aria-valuemin="0" aria-
valuemax="100">90%</div>
    </div>
  </div>
</div>
</div>
</div>
</section>

```

Css:

```

/* Skills */

#skills{
  padding-top: 5%;
  background-color: #e5e5e5;
}
#skills .container{
  margin-top: 6%;
  margin-bottom: 6%;
}

```

```
}  
label{  
  font-size: 20px;  
}  
.progress{  
  height: 30px !important;  
  box-shadow: 2px 4px 5px rebeccapurple, -2px -2px 5px white;  
}  
.progress:hover{  
  box-shadow: 2px 4px 5px white, -2px -2px 5px rebeccapurple;  
}
```

Chapter-4:

StylesScore

4.1 Fontlinks

```
@import
url('https://fonts.googleapis.com/css2?family=Roboto:ital,wght@1,300&display=swap');
```

4.2 Stylelinks

```
<!-- bootstrap Link -->
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.1/jquery.min.js"></script>
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
```

Chapter-5:

Website includes the following information

5.1 Project links to Github:

Project-1

Title: *SIMULATION BALL MOVEMENT*

Link: <https://github.com/BALAMURUGANK18/week1>

Project Description:

This project has a simple green color ball, which will move from top to bottom and bottom to top, like bouncing from between the x and y axis. It will repeat this process whenever we load the page. The ball is created by HTML, CSS. And making the ball to do some event by JAVASCRIPT.

Project-2

Title: *GRAPHIC ANIMATION OF THE RANDOM WALK EXERCISE*

Link: <https://github.com/BALAMURUGANK18/week2>

Project Description:

This was a graphic animation of the random ball using plain JavaScript. Drawing in HTML Canvas, also plain CSS is used. The balls will bounce randomly within the box.

Project-3

Title: *PAC-MAN MOVEMENT*

Link: <https://github.com/BALAMURUGANK18/week3>

➤ **Project Description:**

In Simulation scheduler a Pac-man is made to move in a fixed direction and with a fixed velocity. It will move from the one place of the browser to the end of the screen.

Project-4

Title: *WORD COUNT*

Link: <https://github.com/BALAMURUGANK18/week4>

➤ **ProjectDescription:**

Use the string.split() method to split the string into an array of words. access the length property on the array. the length property will return the number of words in the string

Project-5

Title: *PACMEN UP AND DOWN MOVING*

Link: <https://github.com/BALAMURUGANK18/week5>

ProjectDescription:

This Project creates Pac-Man on demand. These Pac-Man are made to move across the Page. The Pac-Man created moves in different velocities. Whenever the user clicks on the add Pac-man button the new Pac-man will be created and after click on the move button it will move across the page.

Project-6

Title: *EYEBALL MOVEMENT*

Link: <https://github.com/BALAMURUGANK18/week6>

ProjectDescription:

In this project there will be a two-eye, which will move and synchronize to follow the directions of the mouse pointer. Mouse events are a popular way to bind the DOM elements to events. So, the eye-ball is selected and made to move by the use of the DOM method. It will move wherever the mouse moves in the directions.

Project-7

Title: *WORKING WITH THE DOM TO ADD ANIMATION TO THE MAPS*

Link: <https://github.com/BALAMURUGANK18/week7>

ProjectDescription:

In map animation we have a marker placed in MIT and travel to Harvard. The marker shows the stops between MIT and Harvard while it moves.

Project-8

Title: *TOWER'S OF HANOI*

Link: <https://github.com/BALAMURUGANK18/week8>

ProjectDescription:

Tower of Hanoi is a mathematical puzzle where we have three rods and n disks. The objective of the puzzle is to move the entire stack to another rod, obeying the following simple rules: Only one disk can be moved at a time.

Chapter-6:

Bootstrap

6.1 Use bootstrap

Figure-6.1.1

```
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.2/css/all.min.css"/>
```



Description:

I have used bootstrap in this website. Which was a ready-made CSS file, so we can use it to reduce our time and also it carries a (N) number of designs. So, I had linked them to the code in HTML.

Chapter-7:

Project README (Description, steps to run, future improvement)

Project-1-Simulationballmovement

 README.md 

Simulating-Moving-Ball

In this Project,the ball move between two fixed positions on the x-axis and y-axis on the page now have added edge detection and the ball can bounce between two specific points .

Steps to Run the Project



Step 1:Drag the index file into the browser.

Step 2:Refresh the page to see code changes in action.

Future improvement

In future,this project is enhanced by adding and creating more animation and styles.

Project-2-Randomwalkmoveme

 README.md 

Graphics-Animation-Of-The-Random-Walk-assignment

The Project is track movement of the Ball.Now that have created three balls on the screen, it is time to make them move and bounce when it find edges.

Steps to Run project



Step 1:Drag the index file into the browser.

Step 2: Once you run the project, three balls will apperas and moves with random position and velocity.

Future improvements

The project can enhanced by adding more animation to random walk.

Project-3-Simulationscheduler

 README.md 

Pacman


PacMan Movement Project The project create a one pacman and its detect the screen edge to the Pac-Man animation. When the pacman detect it's edge it turn back and move on the screen.

Step to Run the Project step 1 : Once you run the project, the PacMan will appears and move in the direction and reverse if its find the edge.

Future improvement

The Project is enhanced by adding more styles and animation tho the pacemen.

Project-4--WalkBoston

README.md 

WALK-BOSTON-DATA

Walkboston Data project The project display the top five earner's names and salaries. That will display all employees who make a minimum of 200,000 in salary from the walkboston data on the web page.

Steps to Run Project Step 1: Drag the index file into the browser to see the result.

Future improvements In this project further improvements can enhanced by adding new more data about employess and make code easier.

Project-5--Wordcount

☰ README.md



Word-Count

In this project have to print the first three most common words that appear in a given text.

Steps to Run the Project

Step 1: Press "ctrl + shift + i" to open the console.

Step 2: It returns the most three common words.

Future improvements





The project can be further enhanced by adding spell checkers and improves or alters some additional resource.

Chapter-8:






Filestructure

8.1 GitHub filestructure






Task-1 filestructure:

| | | |
|--|----------------------|------------|
| .. | | |
|  ball.js | Add files via upload | 8 days ago |
|  index.html | Add files via upload | 8 days ago |
|  readme.md | Add files via upload | 8 days ago |
|  readme.pdf | Add files via upload | 8 days ago |





Task-2 filestructure:

| | | |
|--|----------------------|------------|
| .. | | |
|  README.md | Add files via upload | 7 days ago |
|  index.html | Add files via upload | 7 days ago |
|  readme.pdf | Add files via upload | 7 days ago |
|  style.css | Add files via upload | 7 days ago |
|  walk.js | Add files via upload | 7 days ago |




Task-3 filestructure:

| | | |
|--|----------------------|-------------|
| .. | | |
|  images | Add files via upload | 13 days ago |
|  index.html | Add files via upload | 13 days ago |
|  pacman.js | Add files via upload | 13 days ago |
|  readme.md | Add files via upload | 13 days ago |
|  readme.pdf | Add files via upload | 13 days ago |

Task-4filestructure:

| | | |
|---|----------------------|---------------|
| .. | | |
|  README.md | Add files via upload | 8 minutes ago |
|  boston.png | Add files via upload | 8 minutes ago |
|  data.js | Add files via upload | 8 minutes ago |
|  index1.html | Add files via upload | 8 minutes ago |

Task-5filestructure:

| | | |
|--|----------------------|----------------|
| .. | | |
|  README.md | Update README.md | 36 minutes ago |
|  file.js | Add files via upload | 37 minutes ago |
|  index.html | Add files via upload | 37 minutes ago |