PORTFOLIO PROJECT

Submitted by

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

Master of Computer

Applications Bharathiar

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Under the Internal Supervision of

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RATHNAVEL SUBRAMANIAM COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

AFFLIATED TO BHARATHIAR UNIVERSITY

NAAC Re-accredited & ISO 9000:2008 Certified

SULUR, COIMBATORE-641402.

Dec 2022

Register Number – 1P22MC043

Certified bonafide original record of work done by **SADAIPANDI A**

Internal Supervisor   **HOD**

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

Internal Examiner   **External Examiner**

PORTFOLIO PROJECT

Portfolio Project

PORTFOLIO PROJECT

Chapter 1:

You Tube Video

Source code:

```
HTML:
<section id="video">


    <center>
     <iframe width="560" height="315"
src="https://www.youtube.com/embed/fPTDlSTF9lA" title="YouTube video player"

        frameborder="0" allow="accelerometer; autoplay; clipboard-write;
encrypted-media; gyroscope; picture-in-picture" allowfullscreen></iframe>


></center>
   </section>
```

CSS:

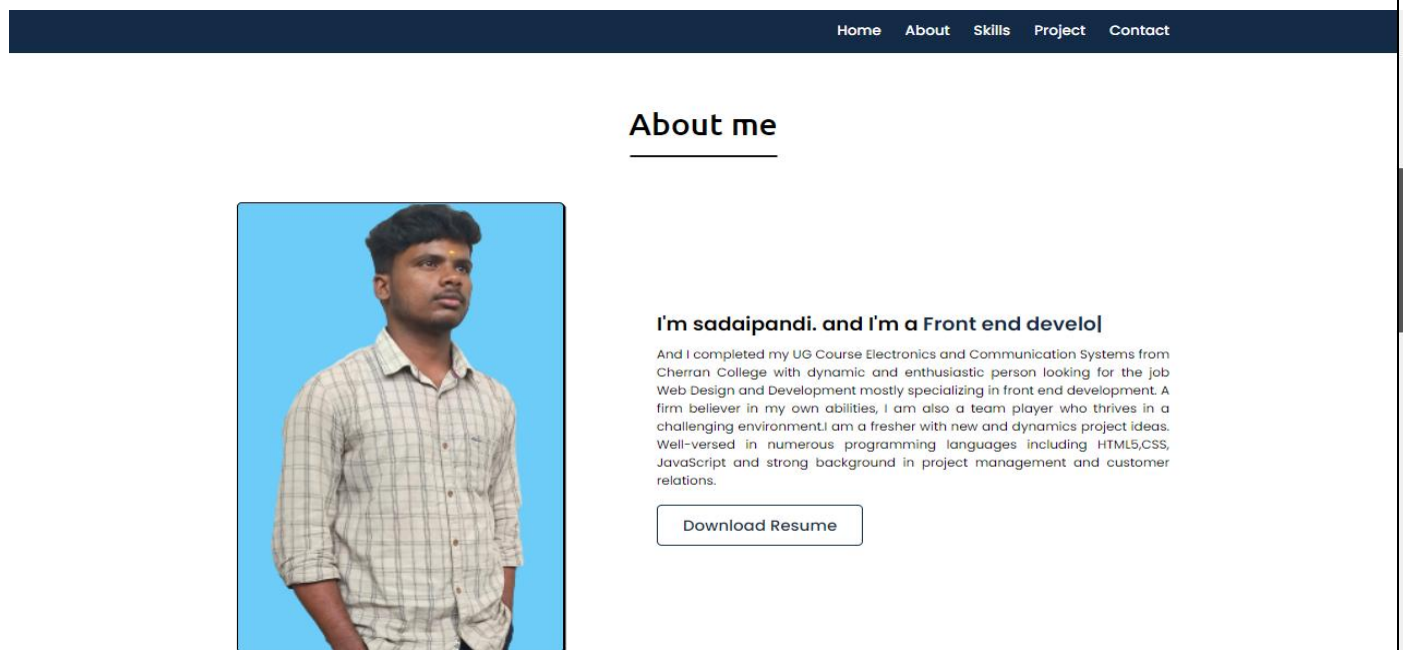```
video section/
#video{flex-direction: column;
   max-width: 1400px;
   margin: 0 auto;
   width: 100%;
   background-color: black;}
```

# Chapter2:

# Website Bio Score

## 2.1About me



**Description:**

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

## HTML:

```html
<!-- about section start -->
    <section class="about" id="about">
        <div class="max-width">
            <h2 class="title">About me</h2>
            <div class="about-content">
                <div class="column left">
                    <img src="./images/11.png" alt="img">
                </div>
                <div class="column right">
                    <div class="text">I'm sadaipandi. and I'm a <span class="typing-2"></span></div>
                    <p> And I completed my UG Course Electronics and Communication
Systems from Cherran College with  dynamic and enthusiastic person looking for the job
Web Design and Development mostly specializing in front end development. A firm believer
in my own abilities, I am also a
                        team player who thrives in a challenging environment.I am a
fresher with new and dynamics project ideas. Well-versed in numerous programming
languages including HTML5,CSS, JavaScript and strong background in project management and
customer relations.  </p>
                    <a href="./CV_2022-11-28-015633.pdf"
download="cv/sample.pdf">Download Resume</a>
                </div>
            </div>
        </div>
    </section>
```

CSS:

```css
/* about section styling */
.about .about-content .left{
    width: 45%;
}
.about .about-content .left img{
    height: 600px;
    width: 400px;
    object-fit: cover;
    border-radius: 6px;
    border: 2px solid black;
    background-color: rgb(109, 204, 248);
    box-shadow: 2px 2px black;
}
```

```css
.about .about-content .right{
    width: 55%;
}
.about .about-content .right .text{
    font-size: 25px;
    font-weight: 600;
    margin-bottom: 10px;
}
.about .about-content .right .text span{
    color: #142b47;
}
.about .about-content .right p{
    text-align: justify;
}
.about .about-content .right a{
     display: inline-block;
    /* background: crimson; */
    color: #142b47;
    font-size: 20px;
    font-weight: 500;
    padding: 10px 30px;
    margin-top: 20px;
    border-radius: 6px;
    border: 2px solid #142b47;
    transition: all 0.3s ease-in-out;


}
.about .about-content .right a:hover{
   color: white;
    background: #142b47;

}
```

2.2 Page content

Description:

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

HTML:

```html
<!-- contact section start -->
  <section class="contact" id="contact">
      <div class="max-width">
          <h2 class="title">Contact me</h2>
          <div class="contact-content">
              <div class="column left">

                  <p>If you are interested in working together? Please fill out the
form aside with some info about your project and I will get back to you as soon as I can.
Please allow a couple days for me to respond.</p>
                  <div class="icons">
                      <div class="row">
                          <i class="fas fa-user"></i>
                          <div class="info">
                              <div class="head">Name</div>
                              <div class="sub-title">sadaipandi</div>
                          </div>
                      </div>
                      <div class="row">
                          <i class="fas fa-map-marker-alt"></i>
                          <div class="info">
                              <div class="head">Address</div>
                              <div class="sub-title">thannerpanthal,tiruppur</div>
                          </div>
                      </div>
                      <div class="row">
                          <i class="fas fa-envelope"></i>
                          <div class="info">
                              <div class="head">Email</div>
                              <div class="sub-title">sadaipandi248@gmail.com</div>
                          </div>
                      </div>
                  </div>
              </div>
              <div class="column right">
                  <div class="text">Message me</div>
                  <form action="#">
                      <div class="fields">
                          <div class="field name">
                              <input type="text" placeholder="Name" required>
                          </div>
```

```html
                            <div class="field email">
                                <input type="email" placeholder="Email" required>
                            </div>
                        </div>
                        <div class="field">
                            <input type="text" placeholder="Subject" required>
                        </div>
                        <div class="field textarea">
                            <textarea cols="30" rows="10" placeholder="Message.."
required></textarea>
                        </div>
                        <div class="button-area">
                            <button type="submit">Send message</button>
                        </div>
                    </form>
                </div>
            </div>
        </div>
    </section>
```

CSS:

```css
/* contact section styling */
input,textarea
{
    caret-color: red;
}

.contact .contact-content .column{
    width: calc(50% - 30px);
}
.contact .contact-content .text{
    font-size: 20px;
    font-weight: 600;
    margin-bottom: 10px;
}
.contact .contact-content .left p{
    text-align: justify;
}
.contact .contact-content .left .icons{
    margin: 10px 0;
}
.contact .contact-content .row{
    display: flex;
    height: 65px;
```

```css
    align-items: center;
}
.contact .contact-content .row .info{
    margin-left: 30px;
}
.contact .contact-content .row i{
    font-size: 25px;
    color: #142b47;
}
.contact .contact-content .info .head{
    font-weight: 500;
}
.contact .contact-content .info .sub-title{
    color: #333;
}
.contact .right form .fields{
    display: flex;
}
.contact .right form .field,
.contact .right form .fields .field{
    height: 45px;
    width: 100%;
    margin-bottom: 15px;
}
.contact .right form .textarea{
    height: 80px;
    width: 100%;
}
.contact .right form .name{
    margin-right: 10px;
}
.contact .right form .field input,
.contact .right form .textarea textarea{
    height: 100%;
    width: 100%;
    border: 1px solid lightgrey;
    border-radius: 6px;
    outline: none;
    padding: 0 15px;
    font-size: 17px;
    font-family: 'Poppins', sans-serif;
    transition: all 0.3s ease;
}
.contact .right form .field input:focus,
.contact .right form .textarea textarea:focus{
    border-color: #b3b3b3;
```

```css
}
.contact .right form .textarea textarea{
  padding-top: 10px;
  resize: none;
}
.contact .right form .button-area{
  display: flex;
  align-items: center;
}
.right form .button-area button{
  color: #142b47;
  display: block;
  width: 160px!important;
  height: 45px;
  outline: none;
  font-size: 18px;
  font-weight: 500;
  border-radius: 6px;
  cursor: pointer;
  flex-wrap: nowrap;
  border: 2px solid #142b47;
  transition: all 0.3s ease-in-out;
}
.right form .button-area button:hover{
  color: white;
  background: #142b47;
}
```

Chapter3:

Pages&Navigation

3.1Landing Page
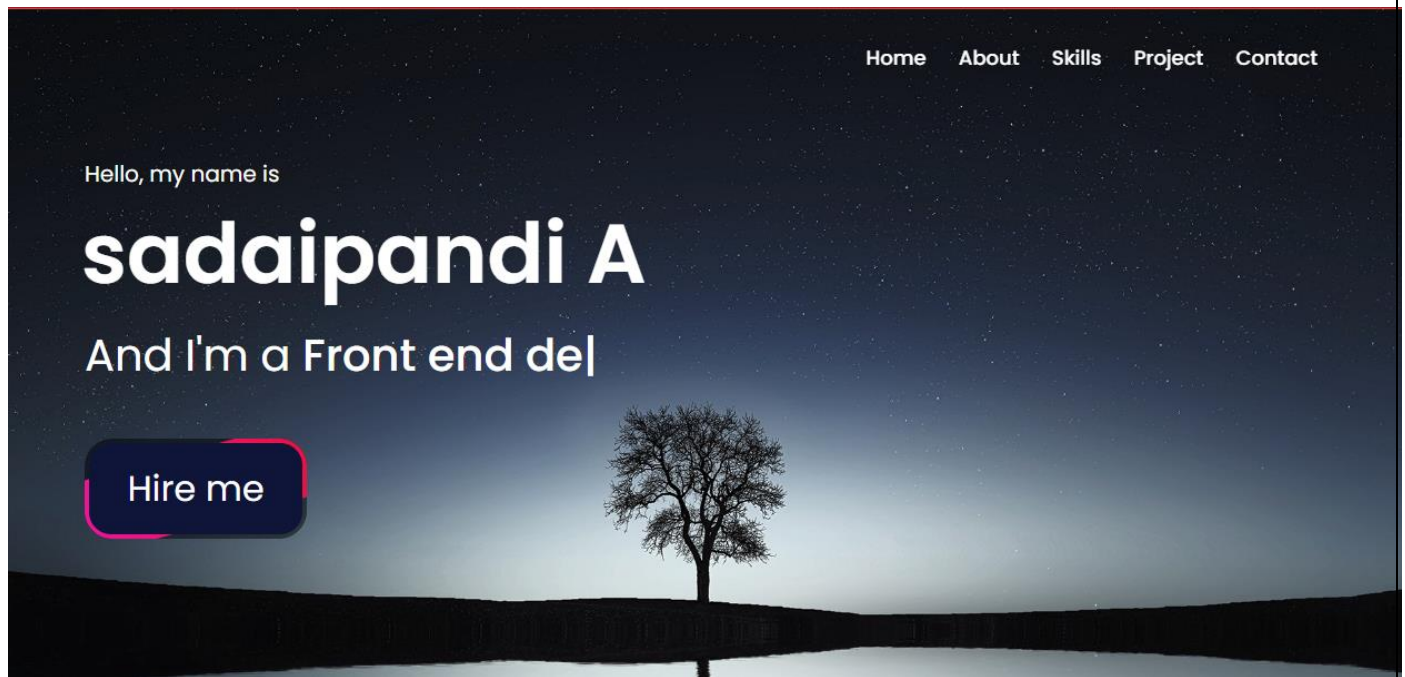
Description:

Actually the above images are landing page, because I have created the page as an animation. So the background images will be move repeatedly at a time interval of specific second. And also I have added a favicon to the website at thetitle.

HTML:

```html
<!-- Nav bar  -->
<div id="preloader"></div>
   <nav class="navbar">
       <div class="max-width">
           <div class="logo"><a href="#"><span></span></a></div>
```

```html
        <ul class="menu">
            <li><a href="#home" class="menu-btn">Home</a></li>
            <li><a href="#about" class="menu-btn">About</a></li>
            <li><a href="#skills" class="menu-btn">Skills</a></li>
            <li><a href="#teams" class="menu-btn">Project</a></li>
            <li><a href="#contact" class="menu-btn">Contact</a></li>
        </ul>
        <div class="menu-btn">
            <i class="fas fa-bars"></i>
        </div>
    </div>
</nav>

<!-- home section start -->
<section class="home" id="home">
    <div class="max-width">
        <div class="home-content">
            <div class="text-1">Hello, my name is</div>
            <div class="text-2">sadaipandi A</div>
            <div class="text-3">And I'm a <span class="typing"></span></div>
            <div class="classbox">
            <a href="./CV_2022-11-28-015633.pdf">Hire me</a>
        </div>
        </div>
    </div>
</section>
```

CSS:

```css
/*  import google fonts */
@import
url('https://fonts.googleapis.com/css2?family=Poppins:wght@400;500;600;700&family=Ubuntu:
wght@400;500;700&display=swap');

*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    text-decoration: none;
    font-family: 'Poppins', sans-serif;
/*     font-family: consolas; */

}
```

```css
html{
    scroll-behavior: smooth;
}


/* custom scroll bar */
::-webkit-scrollbar {
    width: 10px;
}
::-webkit-scrollbar-track {
    background: #f1f1f1;
}
::-webkit-scrollbar-thumb {
    background: #888;
}


::-webkit-scrollbar-thumb:hover {
    background: #555;
}


/* all similar content styling codes */
section{
    padding: 100px 0;
}
.max-width{
    max-width: 1300px;
    padding: 0 80px;
    margin: auto;
}
.about, .services, .skills, .teams, .contact, footer{
    font-family: 'Poppins', sans-serif;
}
.about .about-content,
.services .serv-content,
.skills .skills-content,
.contact .contact-content{
    display: flex;
    flex-wrap: wrap;
    align-items: center;
    justify-content: space-between;
}
section .title{
    position: relative;
    text-align: center;
    font-size: 40px;
```

```css
        font-weight: 500;
        margin-bottom: 60px;
        padding-bottom: 20px;
        font-family: 'Ubuntu', sans-serif;
}
section .title::before{
        content: "";
        position: absolute;
        bottom: 0px;
        left: 50%;
        width: 180px;
        height: 3px;
        background: #111;
        transform: translateX(-50%);
}
section .title::after{
        position: absolute;
        bottom: -8px;
        left: 50%;
        font-size: 20px;
        color: #142b47;
        padding: 0 5px;
        background: #fff;
        transform: translateX(-50%);
}
```

```css
/* navbar styling */
.navbar{
        position: fixed;
        width: 100%;
        z-index: 999;
        padding: 30px 0;
        font-family: 'Ubuntu', sans-serif;
        transition: all 0.3s ease;
}
.navbar.sticky{
        padding: 15px 0;
        background: #142b47;
}
.navbar .max-width{
        display: flex;
        align-items: center;
        justify-content: space-between;
}
.navbar .logo a{
```

```css
    color: #fff;
    font-size: 35px;
    font-weight: 600;
    cursor: pointer;
}
.navbar .logo a span{
    color: #142b47;
    transition: all 0.3s ease;
}
.navbar.sticky .logo a span{
    color: #fff;
}
.navbar .menu li{
    list-style: none;
    display: inline-block;
}
.navbar .menu li a{
    display: block;
    color: #fff;
    font-size: 18px;
    font-weight: 500;
    margin-left: 25px;
    transition: color 0.3s ease;
}
.navbar .menu li a:hover{
    color: #142b47;
    cursor: pointer;
}
.navbar.sticky .menu li a:hover{
    color: #fff;
    cursor: pointer;
}
```

```css
/* menu btn styling */
.menu-btn{
    color: #fff;
    font-size: 23px;
    cursor: pointer;
    display: none;
}
.scroll-up-btn{
    position: fixed;
    height: 45px;
    width: 42px;
    background: #142b47;
```

```css
    right: 30px;
    bottom: 10px;
    text-align: center;
    line-height: 45px;
    color: #fff;
    z-index: 9999;
    font-size: 30px;
    border-radius: 6px;
    border-bottom-width: 2px;
    cursor: pointer;
    opacity: 0;
    pointer-events: none;
    transition: all 0.3s ease;
}
.scroll-up-btn.show{
    bottom: 30px;
    opacity: 1;
    pointer-events: auto;
}
.scroll-up-btn:hover{
    filter: brightness(90%);
}
```

```css
/* home section styling */
.home{
    display: flex;
    background: url(./images/pexels-pixabay-35796\ \(1\).jpg);
    /* background: url("https://images.pexels.com/photos/4360449/pexels-photo-
4360449.jpeg?auto=compress&cs=tinysrgb&w=1260&h=750&dpr=2") no-repeat center; */
    height: 100vh;
    color: #fff;
    min-height: 500px;
    background-size: cover;
    background-attachment: fixed;
    font-family: 'Ubuntu', sans-serif;
}
.home .max-width{
  width: 100%;
  display: flex;
}
.home .max-width .row{
  margin-right: 0;
}
.home .home-content .text-1{
```

```css
    font-size: 20px;
}
.home .home-content .text-2{
    font-size: 75px;
    font-weight: 600;
    margin-left: -3px;
}
.home .home-content .text-3{
    font-size: 40px;
    margin: 5px 0;
}
.home .home-content .text-3 span{
    color: #fff;
    font-weight: 500;
}
.classbox
{
    position: relative;
    width: 200px;
    height: 90px;
    display: flex;
    justify-content: center;
    align-items: center;
    background: rgba(0, 0, 0, 0.5);
    overflow: hidden;
    border-radius: 25px;
    margin-top: 45px;
    cursor: pointer;
}
.classbox::before
{
    content: '';
    position: absolute;
    width: 68px;
    height: 500%;
    border-radius: 0;
    background: linear-gradient(#ee17ca,#eb1010);
    animation: animate-rotate 4s linear infinite;

}
.classbox::after
{
    content: '';
    position: absolute;
    inset: 4px;
    background: #0e1538;
```

```css
    /* background: crimson; */
    border-radius: 20px;
}
@keyframes animate-rotate
{
    0%
    {
        transform: rotate(0deg);
    }
    100%
    {
        transform: rotate(360deg);
    }
}
.classbox a
{
    text-decoration: none;
    color: #fff;
    font-size: 2em;
    z-index: 10;
    cursor: pointer;
}
```

3.2Mobile View sample for one background image
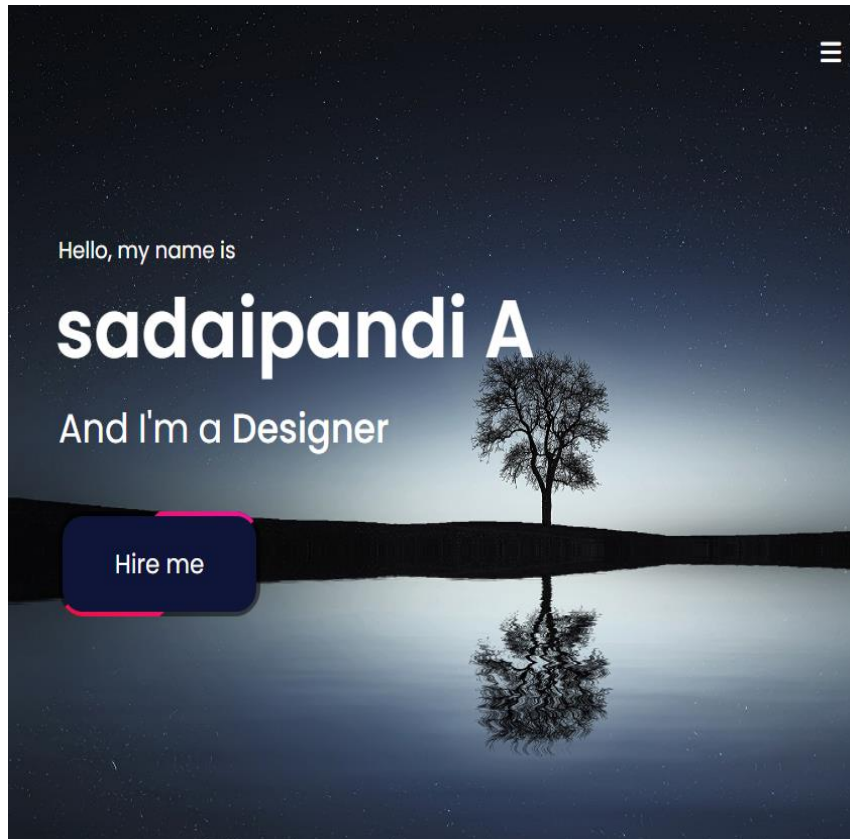
HTML:

```html
<html>
<head>
<title>portfolio</title>
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.15.3/css/all.min.css"/>
    <script src="https://code.jquery.com/jquery-3.5.1.min.js"></script>
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/typed.js/2.0.11/typed.min.js"></script>
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/waypoints/4.0.1/jquery.waypoints.min.js"></sc
ript>
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.4/owl.carousel.min.js"></scr
ipt>
```

```html
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.4/assets/owl.carousel.min.c
ss"/>
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.0.0/css/all.min.css" integrity="sha512-
9usAa10IRO0HhonpyAIVpjrylPvoDwiPUiKdWk5t3PyolY1cOd4DSE0Ga+ri4AuTroPR5aQvXU9xC6qOPnzFeg=="
crossorigin="anonymous" referrerpolicy="no-referrer">
    <link rel="stylesheet" href="./main.css">
    <script src="./main.js"></script>
</head>
<body>


    <!-- Nav bar   -->
 <div id="preloader"></div>
    <nav class="navbar">
        <div class="max-width">
            <div class="logo"><a href="#"><span></span></a></div>
            <ul class="menu">
                <li><a href="#home" class="menu-btn">Home</a></li>
                <li><a href="#about" class="menu-btn">About</a></li>
                <li><a href="#skills" class="menu-btn">Skills</a></li>
                <li><a href="#teams" class="menu-btn">Project</a></li>
                <li><a href="#contact" class="menu-btn">Contact</a></li>
            </ul>
            <div class="menu-btn">
                <i class="fas fa-bars"></i>
            </div>
        </div>
    </nav>
```

```html
    <!-- home section start -->
    <section class="home" id="home">
        <div class="max-width">
            <div class="home-content">
                <div class="text-1">Hello, my name is</div>
                <div class="text-2">sadaipandi A</div>
                <div class="text-3">And I'm a <span class="typing"></span></div>
                <div class="classbox">
                <a href="./CV_2022-11-28-015633.pdf">Hire me</a>
            </div>
            </div>
        </div>
    </section>
```

CSS:

```css
/*  import google fonts */
@import
url('https://fonts.googleapis.com/css2?family=Poppins:wght@400;500;600;700&family=Ubuntu:
wght@400;500;700&display=swap');

*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    text-decoration: none;
    font-family: 'Poppins', sans-serif;
/*    font-family: consolas; */

}
html{
    scroll-behavior: smooth;
}
```

```css
/* custom scroll bar */
::-webkit-scrollbar {
    width: 10px;
}
::-webkit-scrollbar-track {
    background: #f1f1f1;
}
::-webkit-scrollbar-thumb {
    background: #888;
}
```

```css
::-webkit-scrollbar-thumb:hover {
    background: #555;
}
```

```css
/* all similar content styling codes */
section{
    padding: 100px 0;
}
.max-width{
    max-width: 1300px;
```

```css
    padding: 0 80px;
    margin: auto;
}
.about, .services, .skills, .teams, .contact, footer{
    font-family: 'Poppins', sans-serif;
}
.about .about-content,
.services .serv-content,
.skills .skills-content,
.contact .contact-content{
    display: flex;
    flex-wrap: wrap;
    align-items: center;
    justify-content: space-between;
}
section .title{
    position: relative;
    text-align: center;
    font-size: 40px;
    font-weight: 500;
    margin-bottom: 60px;
    padding-bottom: 20px;
    font-family: 'Ubuntu', sans-serif;
}
section .title::before{
    content: "";
    position: absolute;
    bottom: 0px;
    left: 50%;
    width: 180px;
    height: 3px;
    background: #111;
    transform: translateX(-50%);
}
section .title::after{
    position: absolute;
    bottom: -8px;
    left: 50%;
    font-size: 20px;
    color: #142b47;
    padding: 0 5px;
    background: #fff;
    transform: translateX(-50%);
}
```

```css
/* navbar styling */
.navbar{
    position: fixed;
    width: 100%;
    z-index: 999;
    padding: 30px 0;
    font-family: 'Ubuntu', sans-serif;
    transition: all 0.3s ease;
}
.navbar.sticky{
    padding: 15px 0;
    background: #142b47;
}
.navbar .max-width{
    display: flex;
    align-items: center;
    justify-content: space-between;
}
.navbar .logo a{
    color: #fff;
    font-size: 35px;
    font-weight: 600;
    cursor: pointer;
}
.navbar .logo a span{
    color: #142b47;
    transition: all 0.3s ease;
}
.navbar.sticky .logo a span{
    color: #fff;
}
.navbar .menu li{
    list-style: none;
    display: inline-block;
}
.navbar .menu li a{
    display: block;
    color: #fff;
    font-size: 18px;
    font-weight: 500;
    margin-left: 25px;
    transition: color 0.3s ease;
}
.navbar .menu li a:hover{
    color: #142b47;
    cursor: pointer;
```

```css
}
.navbar.sticky .menu li a:hover{
    color: #fff;
    cursor: pointer;
}


/* menu btn styling */
.menu-btn{
    color: #fff;
    font-size: 23px;
    cursor: pointer;
    display: none;
}
.scroll-up-btn{
    position: fixed;
    height: 45px;
    width: 42px;
    background: #142b47;
    right: 30px;
    bottom: 10px;
    text-align: center;
    line-height: 45px;
    color: #fff;
    z-index: 9999;
    font-size: 30px;
    border-radius: 6px;
    border-bottom-width: 2px;
    cursor: pointer;
    opacity: 0;
    pointer-events: none;
    transition: all 0.3s ease;
}
.scroll-up-btn.show{
    bottom: 30px;
    opacity: 1;
    pointer-events: auto;
}
.scroll-up-btn:hover{
    filter: brightness(90%);
}


/* home section styling */
.home{
    display: flex;
```

```css
    background: url(./images/pexels-pixabay-35796\ \(1\).jpg);
    /* background: url("https://images.pexels.com/photos/4360449/pexels-photo-
4360449.jpeg?auto=compress&cs=tinysrgb&w=1260&h=750&dpr=2") no-repeat center; */
    height: 100vh;
    color: #fff;
    min-height: 500px;
    background-size: cover;
    background-attachment: fixed;
    font-family: 'Ubuntu', sans-serif;
}
.home .max-width{
  width: 100%;
  display: flex;
}
.home .max-width .row{
  margin-right: 0;
}
.home .home-content .text-1{
    font-size: 20px;
}
.home .home-content .text-2{
    font-size: 75px;
    font-weight: 600;
    margin-left: -3px;
}
.home .home-content .text-3{
    font-size: 40px;
    margin: 5px 0;
}
.home .home-content .text-3 span{
    color: #fff;
    font-weight: 500;
}
.classbox
{
    position: relative;
    width: 200px;
    height: 90px;
    display: flex;
    justify-content: center;
    align-items: center;
    background: rgba(0, 0, 0, 0.5);
    overflow: hidden;
    border-radius: 25px;
    margin-top: 45px;
    cursor: pointer;
```

```css
}
.classbox::before
{
    content: '';
    position: absolute;
    width: 68px;
    height: 500%;
    border-radius: 0;
    background: linear-gradient(#ee17ca,#eb1010);
    animation: animate-rotate 4s linear infinite;

}
.classbox::after
{
    content: '';
    position: absolute;
    inset: 4px;
    background: #0e1538;
    /* background: crimson; */
    border-radius: 20px;
}
@keyframes animate-rotate
{
    0%
    {
        transform: rotate(0deg);
    }
    100%
    {
        transform: rotate(360deg);
    }
}
.classbox a
{
    text-decoration: none;
    color: #fff;
    font-size: 2em;
    z-index: 10;
    cursor: pointer;
}
```

JS:

```javascript
$(document).ready(function(){
    $(window).scroll(function(){
        // sticky navbar on scroll script
```

```javascript
        if(this.scrollY > 20){
            $('.navbar').addClass("sticky");
        }else{
            $('.navbar').removeClass("sticky");
        }

        // scroll-up button show/hide script
        if(this.scrollY > 500){
            $('.scroll-up-btn').addClass("show");
        }else{
            $('.scroll-up-btn').removeClass("show");
        }
    });

    // slide-up script
    $('.scroll-up-btn').click(function(){
        $('html').animate({scrollTop: 0});
        // removing smooth scroll on slide-up button click
        $('html').css("scrollBehavior", "auto");
    });
```

```javascript
    $('.navbar .menu li a').click(function(){
        // applying again smooth scroll on menu items click
        $('html').css("scrollBehavior", "smooth");
    });
```

```javascript
    // toggle menu/navbar script
    $('.menu-btn').click(function(){
        $('.navbar .menu').toggleClass("active");
        $('.menu-btn i').toggleClass("active");
    });
```
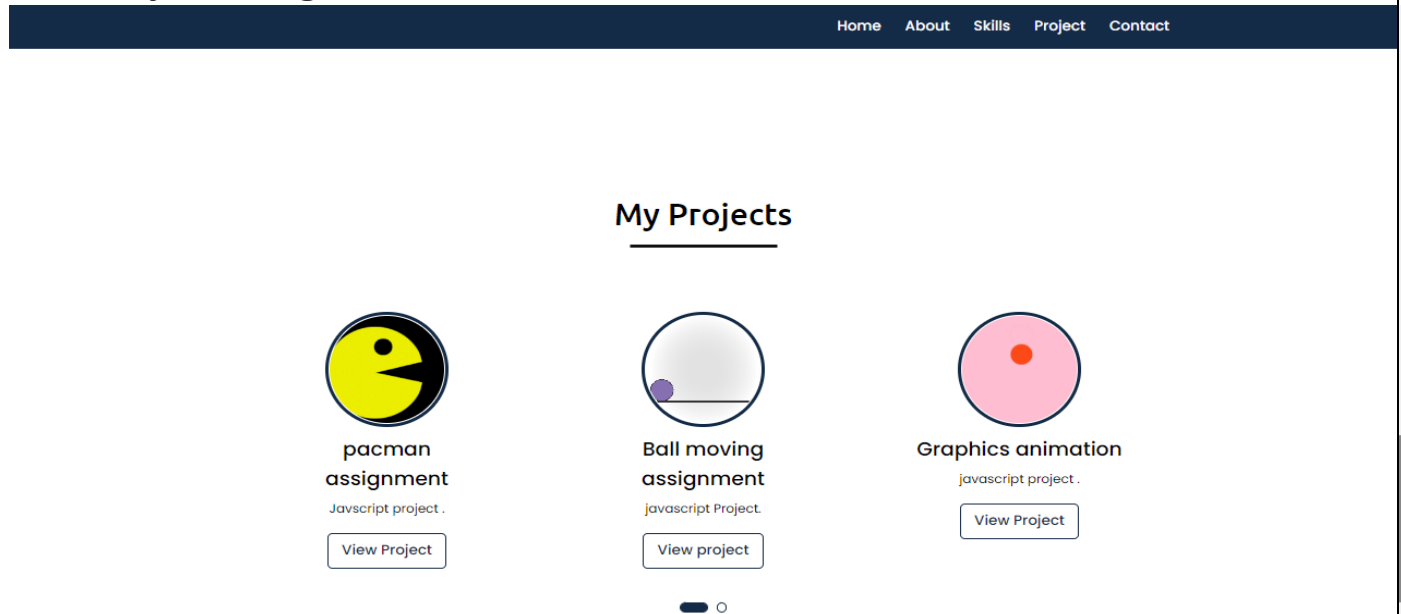
```javascript
    // typing text animation script
    var typed = new Typed(".typing", {
        strings: ["Front end developer","Fresher","Traveller", "Blogger", "Designer"],
        typeSpeed: 100,
        backSpeed: 60,
        loop: true
    });
    var typed = new Typed(".typing-3", {
        strings: ["Connect with me on :)"],
        typeSpeed: 100,
        backSpeed: 60,
        loop: true
```

```
    });
```

3.3Project Page:

My Projects

pacman
assignment

Javscript project .

View Project

Ball moving
assignment

javascript Project.

View project

Graphics animation

javascript project .

View Project

HTML:

```html
<!-- project section start -->
    <section class="teams" id="teams">
        <div class="max-width">
            <h2 class="title">My Projects</h2>
            <div class="carousel owl-carousel">
                <div class="card">
                    <div class="box">
                        <img src="./images/pacman.gif" alt="img">
                        <div class="text">pacman <br> assignment</div>
                        <p>Javscript project . </p>
                        <a href="https://github.com/RathnavelSubramaniam/week-4-
introduction-to-javascript-Sadaipandi248" class="project" target="_blank">View Project</a>
                    </div>
                </div>
                <div class="card">
                    <div class="box">
                        <img src="./images/Principles-of-
Animation_Anticipation_RolliingBall.gif" alt="img">
```

```html
                        <div class="text">Ball moving <br> assignment</div>
                        <p>javascript Project.</p>
                        <a href="https://github.com/RathnavelSubramaniam/week-2-
javascript-Sadaipandi248.git" class="project" target="_blank">View project</a>
                    </div>
                </div>
                <div class="card">
                    <div class="box">
                        <img src="./images/ball.gif" alt="img">
                        <div class="text">Graphics animation</div>
                        <p>javascript project .</p>
                        <a href="#" class="project" target="_blank">View Project</a>
                    </div>
                </div>
                <div class="card">
                    <!-- <div class="box">
                        <img src="https://images.pexels.com/photos/1779487/pexels-
photo-1779487.jpeg?auto=compress&cs=tinysrgb&w=1260&h=750&dpr=2" alt="img">
                        <div class="text">NRD Computers</div>
                        <p>NRD Computer is an eCommerce project.</p>
                        <a href="https://nrd.com.np/" class="project"
target="_blank">View Project</a>
                    </div> -->
                </div>
            </div>
        </div>
    </section>
```

CSS:

```css
/* projects section styling */

.teams .carousel .card{
    background:white;
    border-radius: 6px;
    padding: 25px 35px;
    text-align: center;
    overflow: hidden;
    transition: all 0.3s ease;
}
```

```css
.teams .carousel .card .box{
    display: flex;
    flex-direction: column;
    align-items: center;
    justify-content: center;
    transition: all 0.3s ease;
```

```css
}

.teams .carousel .card .text{
    font-size: 25px;
    font-weight: 500;
    margin: 10px 0 7px 0;
}
.teams .carousel .card img{
    height: 150px;
    width: 150px;
    object-fit: cover;
    border-radius: 50%;
    border: 5px solid #142b47;
    transition: all 0.3s ease;
}
.teams .carousel .card:hover img{
    border-color: #fff;
}
.owl-dots{
    text-align: center;
    margin-top: 20px;
}
.owl-dot{
    height: 13px;
    width: 13px;
    margin: 0 5px;
    outline: none!important;
    border-radius: 50%;
    border: 2px solid #142b47!important;
    transition: all 0.3s ease;
}
.owl-dot.active{
    width: 35px;
    border-radius: 14px;
}
.owl-dot.active,
.owl-dot:hover{
    background: #142b47!important;
}
.teams .carousel .card .box .project
{
    display: inline-block;
    color: #142b47;
    font-size: 18px;
    font-weight: 500;
```

```css
    padding: 8px 16px;
    margin-top: 20px;
    border-radius: 6px;
    border: 2px solid #142b47;
    transition: 0.3s ease-in-out;
}
.teams .carousel .card .box .project:hover{
    color: white;
    background: #142b47;
}
```

JS:

```js
// owl carousel script
$('.carousel').owlCarousel({
    margin: 20,
    loop: true,
    autoplay: true,
    autoplayTimeOut: 2000  ,
    autoplayHoverPause: true,
    responsive: {
        0:{
            items: 1,
            nav: false
        },
        600:{
            items: 2,
            nav: false
        },
        1000:{
            items: 3,
            nav: false
        }
    }
});
```

3.4Navigation bar:

Home   About   Skills   Project   Contact

Features:

There are many styles are added. Whenever the user move lists to the navigation bar it will change the color togoldenrod. And also the navigation bar will be stable in thesame position, even we switch to any other pages.

HTML:

```html
<!-- Nav bar   -->
 <div id="preloader"></div>
    <nav class="navbar">
        <div class="max-width">
            <div class="logo"><a href="#"><span></span></a></div>
            <ul class="menu">
                <li><a href="#home" class="menu-btn">Home</a></li>
                <li><a href="#about" class="menu-btn">About</a></li>
                <li><a href="#skills" class="menu-btn">Skills</a></li>
                <li><a href="#teams" class="menu-btn">Project</a></li>
                <li><a href="#contact" class="menu-btn">Contact</a></li>
            </ul>
            <div class="menu-btn">
                <i class="fas fa-bars"></i>
            </div>
        </div>
    </nav>
```

CSS:

```css
/* navbar styling */
.navbar{
    position: fixed;
    width: 100%;
    z-index: 999;
    padding: 30px 0;
    font-family: 'Ubuntu', sans-serif;
    transition: all 0.3s ease;
}
.navbar.sticky{
    padding: 15px 0;
    background: #142b47;
}
.navbar .max-width{
    display: flex;
    align-items: center;
```

```css
    justify-content: space-between;
}
.navbar .logo a{
    color: #fff;
    font-size: 35px;
    font-weight: 600;
    cursor: pointer;
}
.navbar .logo a span{
    color: #142b47;
    transition: all 0.3s ease;
}
.navbar.sticky .logo a span{
    color: #fff;
}
.navbar .menu li{
    list-style: none;
    display: inline-block;
}
.navbar .menu li a{
    display: block;
    color: #fff;
    font-size: 18px;
    font-weight: 500;
    margin-left: 25px;
    transition: color 0.3s ease;
}
.navbar .menu li a:hover{
    color: #142b47;
    cursor: pointer;
}
.navbar.sticky .menu li a:hover{
    color: #fff;
    cursor: pointer;
}
```

JS:

```javascript
$(document).ready(function(){
    $(window).scroll(function(){
        // sticky navbar on scroll script
        if(this.scrollY > 20){
            $('.navbar').addClass("sticky");
        }else{
            $('.navbar').removeClass("sticky");
```

```
        }


    // scroll-up button show/hide script
    if(this.scrollY > 500){
        $('.scroll-up-btn').addClass("show");
    }else{
        $('.scroll-up-btn').removeClass("show");
    }
});

// slide-up script
$('.scroll-up-btn').click(function(){
    $('html').animate({scrollTop: 0});
    // removing smooth scroll on slide-up button click
    $('html').css("scrollBehavior", "auto");
});
```

```
$('.navbar .menu li a').click(function(){
    // applying again smooth scroll on menu items click
    $('html').css("scrollBehavior", "smooth");
});
```

```
// toggle menu/navbar script
$('.menu-btn').click(function(){
    $('.navbar .menu').toggleClass("active");
    $('.menu-btn i').toggleClass("active");
});
```

3.5Skill page:
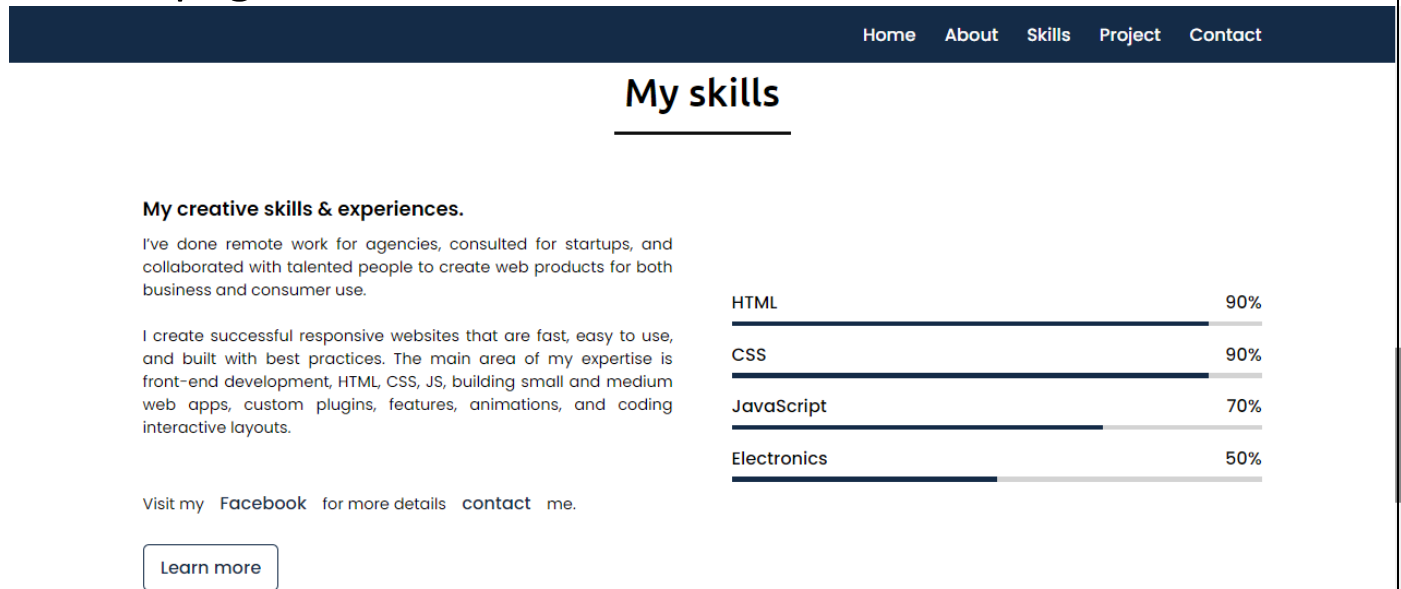
HTML:

```html
<!-- skills section start -->
    <section class="skills" id="skills">
        <div class="max-width">
            <h2 class="title">My skills</h2>
            <div class="skills-content">
                <div class="column left">
                    <div class="text">My creative skills & experiences.</div>
                    <p> I've done remote work for agencies, consulted for startups, and
collaborated with talented people to create web products for both business and consumer
use.
                        <br><br>
                        I create successful responsive websites that are fast, easy to
use, and built with best practices. The main area of my expertise is front-end
development, HTML, CSS, JS, building small and medium web apps, custom plugins, features,
animations, and coding interactive layouts.
                        <br>
```

```html
                        <br>
                        Visit my<a
href="https://www.facebook.com/profile.php?id=100030289760771" target="-blank"
id="link">Facebook</a>for more details<a href="#contact" id="link">contact</a>me.
```

```html
                    </p>
                    <a href="#contact">Learn more</a>
                </div>
                <div class="column right">
                    <div class="bars">
                        <div class="info">
                            <span>HTML</span>
                            <span>90%</span>
                        </div>
                        <div class="line html"></div>
                    </div>
                    <div class="bars">
                        <div class="info">
                            <span>CSS</span>
                            <span>90%</span>
                        </div>
                        <div class="line css"></div>
                    </div>
                    <div class="bars">
                        <div class="info">
                            <span>JavaScript</span>
                            <span>70%</span>
                        </div>
                         <div class="line js"></div>
                    </div>
                <div class="bars">
                        <div class="info">
                            <span>Electronics</span>
                            <span>50%</span>
                        </div>
                        <div class="line php"></div>
                    </div>
```

```html
            </div>
        </div>
    </div>
  </section>
```

CSS:

```css
/* skills section styling */


.skills .skills-content .column{
    width: calc(50% - 30px);
}
.skills .skills-content .left .text{
    font-size: 20px;
    font-weight: 600;
    margin-bottom: 10px;
}
.skills .skills-content .left p{
    text-align: justify;
}
.skills .skills-content .left a{
    display: inline-block;
    /* background: crimson; */
    color: #142b47;
    font-size: 18px;
    font-weight: 500;
    padding: 8px 16px;
    margin-top: 20px;
    border-radius: 6px;
    border: 2px solid #142b47;
    transition: 0.3s ease-in-out;
}
.skills .skills-content .left a:hover{
    color: white;
    background: #142b47;
}
.skills .skills-content .left p #link
{
    border: none;
    text-decoration: none;
    color: #142b47;
}
```

```css
.skills .skills-content .left p #link:hover
{
    color: rgb(223, 26, 69);
    /* text-transform: uppercase; */
    text-decoration: underline;
    background: none;
}
.skills .skills-content .right .bars{
```

```css
    margin-bottom: 15px;
}
.skills .skills-content .right .info{
    display: flex;
    margin-bottom: 5px;
    align-items: center;
    justify-content: space-between;
}
.skills .skills-content .right span{
    font-weight: 500;
    font-size: 18px;
}
.skills .skills-content .right .line{
    height: 5px;
    width: 100%;
    background: lightgrey;
    position: relative;
}
.skills .skills-content .right .line::before{
    content: "";
    position: absolute;
    height: 100%;
    left: 0;
    top: 0;
    background: #142b47;
}
.skills-content .right .html::before{
    width: 90%;
}
.skills-content .right .css::before{
    width: 90%;
}
.skills-content .right .js::before{
    width: 70%;
}
.skills-content .right .php::before{
    width: 50%;
}
```

Chapter4:

4.1Font link

```css
/*  import google fonts */
@import
url('https://fonts.googleapis.com/css2?family=Poppins:wght@400;500;600;700&family=Ubuntu:wght@400;500;700&display=swap');
```

4.2Style link

```html
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.3/css/all.min.css"/>
    <script src="https://code.jquery.com/jquery-3.5.1.min.js"></script>
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/typed.js/2.0.11/typed.min.js"></script>
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/waypoints/4.0.1/jquery.waypoints.min.js"></script>
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.4/owl.carousel.min.js"></script>
    <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+ri4AuTroPR5aQvXU9xC6qOPnzFeg=="
crossorigin="anonymous" referrerpolicy="no-referrer">
    <link rel="stylesheet" href="./main.css">
```

Chapter5:

Website include the following information

5.1 project links to *Github:*

Project-1

Title: *SIMULATION BALL MOVEMENT*
Link: https://github.com/Sadaipandi248/Ball-movement.git
➢ **Project Description:**

This project has a simple green color ball, Which will move from top to bottom and bottom to top, like bouncingfrom 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/Sadaipandi248/Graphics-animation-of-random-walk.git

> **Project Description:**

This was a graphic animation of the random ball usingplain 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/Sadaipandi248/Pacman-Project.git

> **Project Description:**

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

Project-4

Title: *WALK BOSTON DATA CODING EXERCISE*

Link: https://github.com/Sadaipandi248/boston-city-Data.git

> **Project Description:**

The walk Boston shows the top five earning employees and the details of the employees by JAVASCRIPT. So through this we can identify and filter thetop values from the n number of data's.

Project-5

Title: *FIND THE MOST COMMON WORD*

Link:https://github.com/Sadaipandi248/Word-count.git

➢ Project Description:

In this exercise, we can count the words that how many time it take place in the paragraph. And also it willdisplay the top 3 repeated words.

➢ Project Description:

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

Chapter6:

6.1 Use bootstrap

```
<!-- Bootstrap CSS -->
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.1/dist/css/bootstrap.min.css" rel="stylesheet"
integrity="sha384-+0n0xVW2eSR5OomGNYDnhzAbDsOXxcvSN1TPprVMTNDbiYZCxYb0O17+AMvyTG2x" crossorigin="anonymous">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.4/assets/owl.carousel.min.css"
integrity="sha512-tS3S5qG0BlhnQRDyJXvNjeEM4UpMXHrQfTGmbQ1gKmelCxlSEBUaxhRBj/EFTzpbP4RVSrpEikbmdJobCvhE3g=="
crossorigin="anonymous" />
<link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.4/assets/owl.theme.default.min.css"
integrity="sha512-sMXtMNL1zRzolHYKEujM2AqCLUR9F2C4/05cdbxjjLSRvMQIciEPCQZo++nk7go3BtSuK9kfa/s+a4f4i5pLkw=="
crossorigin="anonymous" />
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.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.

Chapter7:

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

Project-1- Simulation of ball-movement

README.md

Ball-movement

Simulation-Ball Movement 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- Random walk Movement

README.md

Graphics-animation-of-random-walk

Simple bouncing balls simulation using plain JavaScript. Drawing in HTML Canvas, also plain CSS is used.The balls will bounce randomly within the box.

Steps to run Execute the file in the browser.

🎈 Project-3- pacman-Assignment

README.md

Pacman-Project

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- Walk boston

README.md

boston-city-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- Word count

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.

Chapter8:

File structure

8.1 Github file structure

Task- 1 file structure:

main ⌄	⑂ 1 branch ◇ 0 tags	Go to file	Add file ⌄ <> Code ⌄
🔷 **Sadaipandi248** Create README.md		237e9bf 6 minutes ago	🕐 2 commits
📁 Simulating Ball Movement Coding A…	Add files via upload		yesterday
📄 README.md	Create README.md		6 minutes ago

Task- 2 file structure:

🔷 **Sadaipandi248** Create README.md		fa6c167 13 minutes ago	🕐 2 commits
📁 graphicks animation	Add files via upload		15 minutes ago
📄 README.md	Create README.md		13 minutes ago

Task- 3 file structure:

🔷 **Sadaipandi248** Create README.md		ce2d728 24 minutes ago	🕐 2 commits
📁 PacMan Coding Assignment	Add files via upload		24 minutes ago
📄 README.md	Create README.md		24 minutes ago

Task- 4 file structure:

Sadaipandi248 Create README.md		ce2d728 24 minutes ago	2 commits
📁 PacMan Coding Assignment	Add files via upload		24 minutes ago
📄 README.md	Create README.md		24 minutes ago

Task- 5 file structure:

Sadaipandi248 Create README.md		74c14c1 1 minute ago	2 commits
📁 WordCount-main	Add files via upload		2 minutes ago
📄 README.md	Create README.md		1 minute ago

Sadaipandi248 Create README.md			
📁 PacMan Coding Assignment	Add files via upload		
📄 README.md			