

PORTFOLIO PROJECT

Submitted by

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Under the Internal Supervision of

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RATHNAVEL SUBRAMANIAM COLLEGE OF ARTS AND SCIENCE

(AUTONOMOUS)

AFFILIATED TO BHARATHIAR UNIVERSITY

NAAC Re-accredited & ISO 9000:2008 Certified

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Register Number – 1P23MC048

Certified bona fide original record of work done by **SANJAY KUMAR M**

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

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PORTFOLIO PROJECT

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PORTFOLIO PROJECT

Chapter-1: Video introduction

1.1 YouTube video introduction



Description:

In this page, there is an Introduction video about me and my academic details for verification via Youtube. So, that if any user want to see the my all details, they can view here.

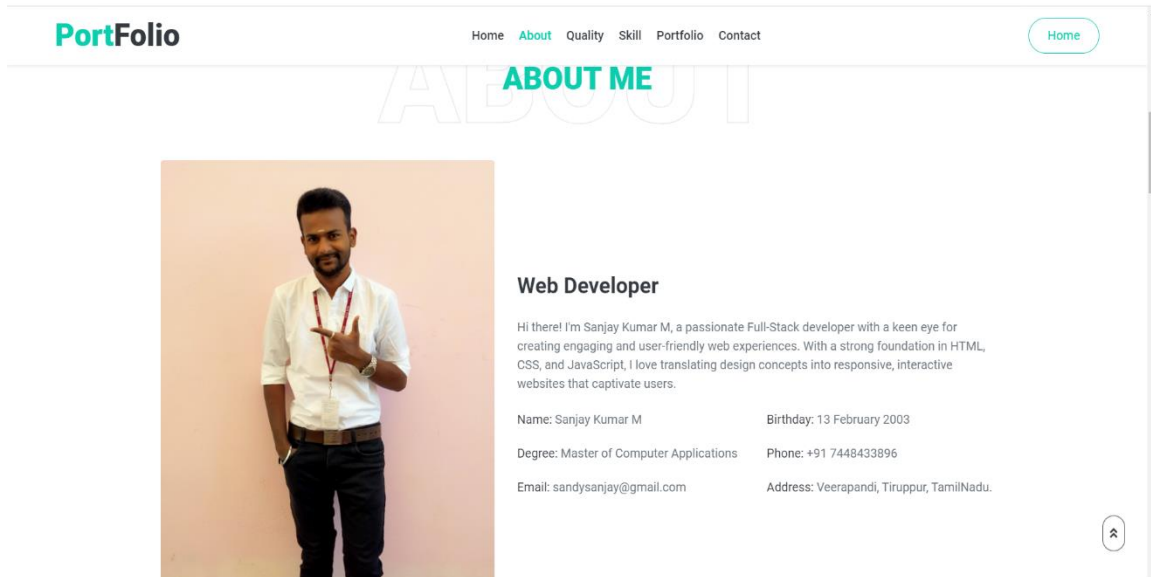
Source code:

```
<button type="button" class="btn-play" data-toggle="modal" data-target="#videoModal"
  data-src="https://www.youtube.com/embed/mct0hLWs00k">
  <span></span>
</button>
<h5 class="font-weight-normal text-white m-0 ml-4 d-none d-sm-block">Intro Video</h5>
```

Chapter-2:

Website Bio Score

2.1 About me



Description:

In this page, there is an Image of mine, paragraph about me and also added my personal details for verification. So, that if any user want to see the my all details, they can view here.

Source Code:

HTML:

```
<!-- About Start -->
<div class="container-fluid py-5" id="about">
  <div class="container">
    <div class="position-relative d-flex align-items-center justify-content-center">
      <h1 class="display-1 text-uppercase text-white" style="-webkit-text-stroke:
1px #dee2e6;">About</h1>
      <h1 class="position-absolute text-uppercase text-primary">About Me</h1>
    </div>
    <div class="row align-items-center">
```

```

        <div class="col-lg-5 pb-4 pb-lg-0">
        
        </div>
        <div class="col-lg-7">
            <h3 class="mb-4">Web Developer</h3>
            <p>Hi there! I'm Sanjay Kumar M, a passionate Full-Stack developer with a
            keen eye for creating engaging and user-friendly web experiences. With a strong foundation in
            HTML, CSS, and JavaScript, I love translating design concepts into responsive, interactive
            websites that captivate users.</p>
            <div class="row mb-3">
                <div class="col-sm-6 py-2"><h6>Name: <span class="text-
                secondary">Sanjay Kumar M</span></h6></div>
                <div class="col-sm-6 py-2"><h6>Birthday: <span class="text-
                secondary">13 February 2003</span></h6></div>
                <div class="col-sm-6 py-2"><h6>Degree: <span class="text-
                secondary">Master of Computer Applications</span></h6></div>
                <div class="col-sm-6 py-2"><h6>Phone: <span class="text-
                secondary">+91 7448433896</span></h6></div>
                <div class="col-sm-6 py-2"><h6>Email: <span class="text-
                secondary">sandysanjay@gmail.com</span></h6></div>
                <div class="col-sm-6 py-2"><h6>Address: <span class="text-
                secondary">Veerapandi, Tiruppur, TamilNadu.</span></h6></div>
            </div>
        </div>
        </div><br>
        <a href="#" class="btn btn-outline-primary mr-4">Prev</a>
        <a href="#qualification" class="btn btn-outline-primary">Next</a>
    </div>
</div>
<!-- About End -->

```

CSS:

```

#about .container,#about .container-fluid {
    width: 100%;
    padding-right: 15px;
    padding-left: 15px;
    margin-right: auto;
}

```

```

    margin-left: auto;
}
#about .py-5 {
    padding-top: 3rem !important;
}
.row {
    display: flex;
    flex-wrap: wrap;
    margin-right: -15px;
    margin-left: -15px;
}
#about .row-cols-sm-6 > * {
    flex: 0 0 16.66667%;
    max-width: 16.66667%;
}
#about .col-lg-5 {
    flex: 0 0 41.66667%;
    max-width: 41.66667%;
}
#about .col-lg-7 {
    flex: 0 0 58.33333%;
    max-width: 58.33333%;
}
#about .mb-3 {
    margin-bottom: 1rem !important;
}
#about .mb-4 {
    margin-bottom: 1.5rem !important;
}
@media (min-width: 576px) {
    .container, .container-sm {
        max-width: 540px;
    }
}
@media (min-width: 768px) {
    .container, .container-sm, .container-md {
        max-width: 720px;
    }
}

```



```
}  
@media (min-width: 992px) {  
  .container, .container-sm, .container-md, .container-lg {  
    max-width: 960px;  
  }  
}  
@media (min-width: 1200px) {  
  .container, .container-sm, .container-md, .container-lg, .container-xl {  
    max-width: 1140px;  
  }  
}
```

2.2 Contact page

The image shows a contact page for a website called 'PortFolio'. The page has a light blue header with the logo on the left and navigation links (Home, About, Quality, Skill, Portfolio, Contact) in the center. A 'Home' button is on the right. The main content area features a large, faint 'CONTACT' background text and a prominent 'CONTACT ME' text in blue. Below this is a form with four input fields: 'Your Name', 'Your Email', 'Subject', and 'Message'. A 'Send Message' button is positioned below the message field. A small circular icon with an upward arrow is located in the bottom right corner of the form area.

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.

Source Code:

HTML:

```
<!-- Contact Start -->
<div class="container-fluid py-5" id="contact">
  <div class="container">
    <div class="position-relative d-flex align-items-center justify-content-center">
      <h1 class="display-1 text-uppercase text-white" style="-webkit-text-stroke: 1px #dee2e6;">Contact</h1>
      <h1 class="position-absolute text-uppercase text-primary">Contact Me</h1>
    </div>
    <div class="row justify-content-center">
      <div class="col-lg-8">
        <div class="contact-form text-center">
          <div id="success"></div>
        </div>
      </div>
    </div>
  </div>
</div>
```

```

        <form name="sendMessage"
action="https://formsubmit.co/sandysanjay1302@gmail.com" method="POST" id="contactForm"
novalidate="novalidate">
            <div class="form-row">
                <div class="control-group col-sm-6">
                    <input type="text" class="form-control p-4" id="name"
placeholder="Your Name"
                                required="required" data-validation-required-
message="Please enter your name" />
                    <p class="help-block text-danger"></p>
                </div>
                <div class="control-group col-sm-6">
                    <input type="email" class="form-control p-4" id="email"
placeholder="Your Email"
                                required="required" data-validation-required-
message="Please enter your email" />
                    <p class="help-block text-danger"></p>
                </div>
            </div>
            <div class="control-group">
                <input type="text" class="form-control p-4" id="subject"
placeholder="Subject"
                                required="required" data-validation-required-message="Please
enter a subject" />
                <p class="help-block text-danger"></p>
            </div>
            <div class="control-group">
                <textarea class="form-control py-3 px-4" rows="5" id="message"
placeholder="Message"
                                required="required"
                                data-validation-required-message="Please enter your
message"></textarea>
                <p class="help-block text-danger"></p>
            </div>
        </div>
    </div>

```

```

        <button class="btn btn-outline-primary" type="submit"
id="sendMessageButton">Send
        Message</button>
    </div>
</form>
</div>
</div>
</div>
</div>
</div>
<!-- Contact End -->

```

CSS:

```

#contact .container,#contact .container-fluid {
    width: 100%;
    padding-right: 15px;
    padding-left: 15px;
    margin-right: auto;
    margin-left: auto;
}
#contact .py-5 {
    padding-top: 3rem !important;
}
.row {
    display: flex;
    flex-wrap: wrap;
    margin-right: -15px;
    margin-left: -15px;
}
#contact .col-lg-8,#contact col-sm-6 {
    position: relative;
    width: 100%;
    padding-right: 15px;
    padding-left: 15px;
}
#contact .contact-form,#contact .help-block ul {
    margin: 0;
}

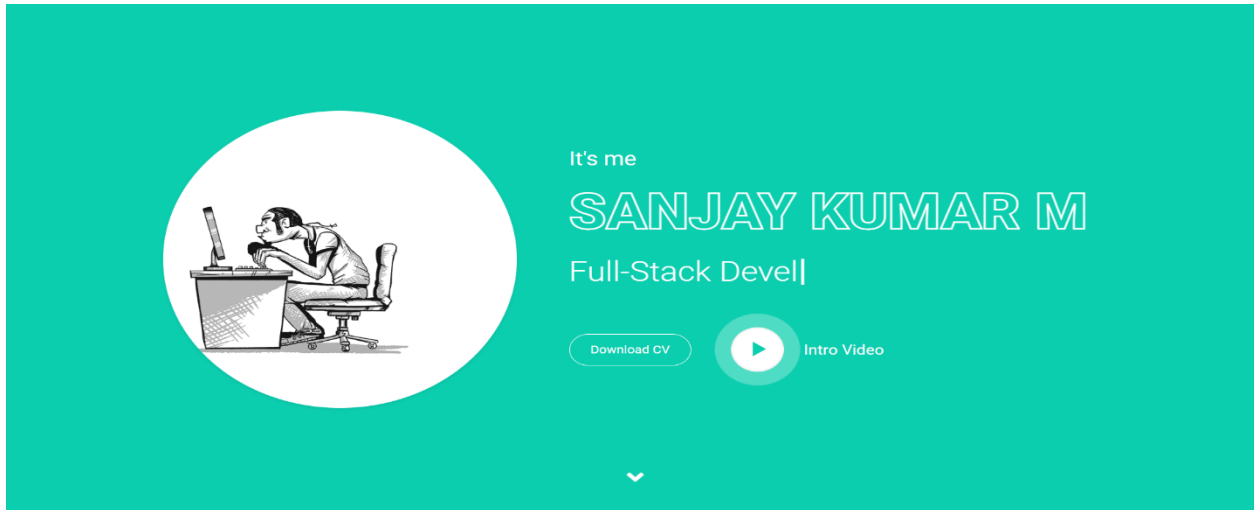
```

```
padding: 0;
list-style-type: none;
}
@media (min-width: 576px) {
  .container, .container-sm {
    max-width: 540px;
  }
}
@media (min-width: 768px) {
  .container, .container-sm, .container-md {
    max-width: 720px;
  }
}
@media (min-width: 992px) {
  .container, .container-sm, .container-md, .container-lg {
    max-width: 960px;
  }
}
@media (min-width: 1200px) {
  .container, .container-sm, .container-md, .container-lg, .container-xl {
    max-width: 1140px;
  }
}
```

Chapter-3:

Pages & Navigation

3.1 Landing Page



Description:

The above figures 3.1.1 are the screenshot of Homepage in a desktop view. And this is a home screen of the portfolio which shows the landing page with my resume and self-introduction video. which shown as figures 3.1.1.

Source Code:

HTML:

```
<!-- Header Start -->
<div class="container-fluid bg-primary d-flex align-items-center mb-5 py-5" id="home"
style="min-height: 100vh;">
  <div class="container">
    <div class="row align-items-center">
      <div class="col-lg-5 px-5 pl-lg-0 pb-5 pb-lg-0">
        
      </div><div class="col-lg-7 text-center text-lg-left">
        <h3 class="text-white font-weight-normal mb-3">It's me</h3>
        <h1 class="display-3 text-uppercase text-primary mb-2" style="-webkit-text-stroke: 2px
#ffffff;">sanjay kumar m</h1>
```

```

<h1 class="typed-text-output d-inline font-weight-lighter text-white"></h1>
<div class="typed-text d-none"> Web Developer, Full-Stack Developer</div>
<div class="d-flex align-items-center justify-content-center justify-content-lg-start
pt-5">
  <a href="./resume/index.html" class="btn btn-outline-light mr-5">Download CV</a>
  <button type="button" class="btn-play" data-toggle="modal"
    data-src="https://www.youtube.com/embed/mct0hLWs00k" data-target="#videoModal">
    <span></span>
  </button>
  <h5 class="font-weight-normal text-white m-0 ml-4 d-none d-sm-block">Intro Video</h5>
</div>
</div>
</div>
</div>
</div>
<!-- Header End -->

```

CSS:

```

#header .container,#header .container-fluid {
  width: 100%;
  padding-right: 15px;
  padding-left: 15px;
  margin-right: auto;
  margin-left: auto;
}
.row {
  display: flex;
  flex-wrap: wrap;
  margin-right: -15px;
  margin-left: -15px;
}
#header .col-lg-5,#header .col-px-5,#header .col-pb-5 {
  position: relative;
  width: 100%;
  padding-right: 15px;
  padding-left: 15px;
}

```

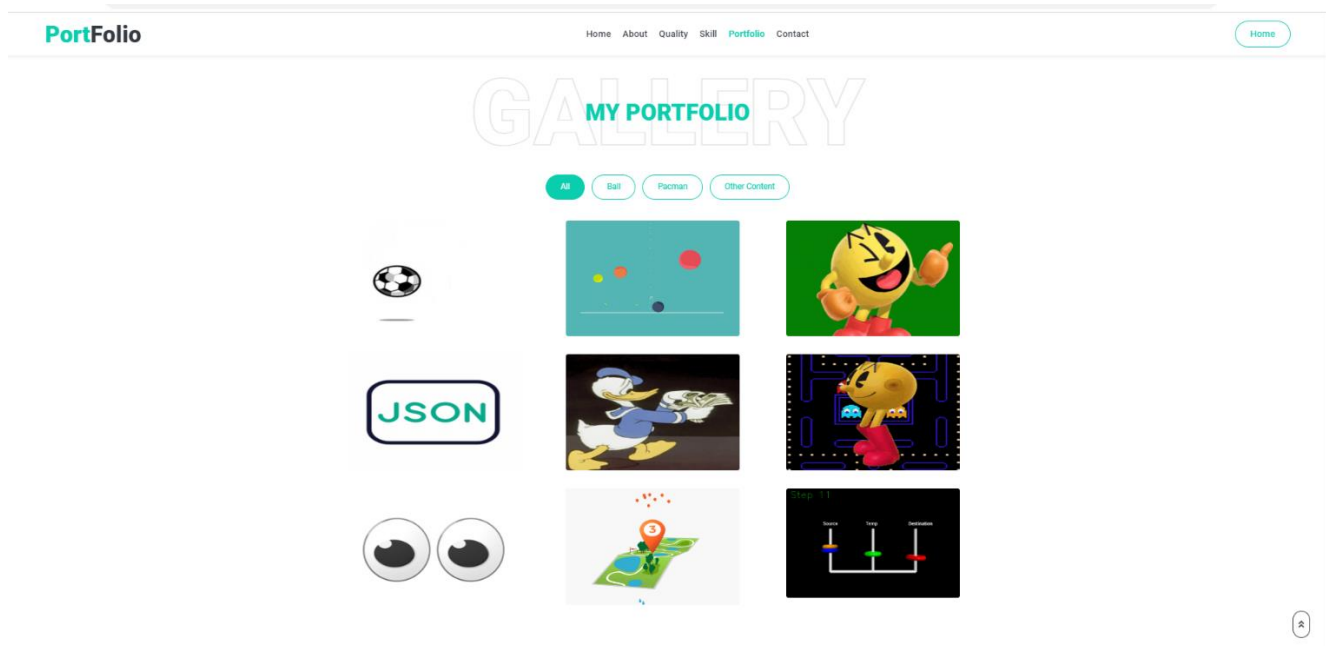
(Mobile view sample for one background image)



Description:

The above figures 3.1.2 are the screenshot of Homepage in a Mobile view. And this is a home screen of the portfolio which shows the landing page with my resume and self-introduction video. which shown as figure3.1.2

3.2 Project Page



Source Code:

HTML:

```
<!-- Portfolio Start -->
<div class="container-fluid pt-5 pb-3" id="portfolio">
  <div class="container">
    <div class="position-relative d-flex align-items-center justify-content-center">
      <h1 class="display-1 text-uppercase text-white" style="-webkit-text-stroke:
1px #dee2e6;">Gallery</h1>
      <h1 class="position-absolute text-uppercase text-primary">My Portfolio</h1>
    </div>
    <div class="row">
      <div class="col-12 text-center mb-2">
        <ul class="list-inline mb-4" id="portfolio-filters">
          <li class="btn btn-sm btn-outline-primary m-1 active" data-
filter="*">All</li>
          <li class="btn btn-sm btn-outline-primary m-1" data-
filter=".first">Ball</li>
          <li class="btn btn-sm btn-outline-primary m-1" data-
filter=".second">Pacman</li>
```

```

        <li class="btn btn-sm btn-outline-primary m-1" data-
filter=".third">Other Content</li>
    </ul>
</div>
</div>
<div class="row portfolio-container">
    <div class="col-lg-4 col-md-6 mb-4 portfolio-item first">
        <div class="position-relative overflow-hidden mb-2">
            
            <div class="portfolio-btn bg-primary d-flex align-items-center
justify-content-center">
                <a href="./result/portfolio-1.gif" data-lightbox="portfolio">
                    <i class="fa fa-plus text-white" style="font-size:
60px;"></i>
                </a>
                <a href="https://github.com/Sanjay-Kumar-SK-MCA-
23/Simulation_ball_movement.git">
                    <button class="btnforgit" type="submit">github</button>
                </a>
            </div>
        </div>
    </div>
    <div class="col-lg-4 col-md-6 mb-4 portfolio-item first">
        <div class="position-relative overflow-hidden mb-2">
            
            <div class="portfolio-btn bg-primary d-flex align-items-center
justify-content-center">
                <a href="./result/portfolio-2.gif" data-lightbox="portfolio">
                    <i class="fa fa-plus text-white" style="font-size:
60px;"></i>
                </a>
                <a href="https://github.com/Sanjay-Kumar-SK-MCA-
23/Graphic_animation_of_the_random_walk.git">
                    <button class="btnforgit" type="submit">github</button>

```

```

        </a>
      </div>
    </div>
  </div>
  <div class="col-lg-4 col-md-6 mb-4 portfolio-item second">
    <div class="position-relative overflow-hidden mb-2">
      
      <div class="portfolio-btn bg-primary d-flex align-items-center
justify-content-center">
        <a href="./result/portfolio-3.gif" data-lightbox="portfolio">
          <i class="fa fa-plus text-white" style="font-size:
60px;"></i>
        </a>
        <a href="https://github.com/Sanjay-Kumar-SK-MCA-
23/pacman_movement.git">
          <button class="btnforgit" type="submit">github</button>
        </a>
      </div>
    </div>
  </div>
  <div class="col-lg-4 col-md-6 mb-4 portfolio-item third">
    <div class="position-relative overflow-hidden mb-2">
      
      <div class="portfolio-btn bg-primary d-flex align-items-center
justify-content-center">
        <a href="./result/portfolio-4.gif" data-lightbox="portfolio">
          <i class="fa fa-plus text-white" style="font-size:
60px;"></i>
        </a>
        <a href="https://github.com/Sanjay-Kumar-SK-MCA-23/boston.git">
          <button class="btnforgit" type="submit">github</button>
        </a>
      </div>
    </div>
  </div>

```

```

        </div>
        <div class="col-lg-4 col-md-6 mb-4 portfolio-item third">
            <div class="position-relative overflow-hidden mb-2">
                
                <div class="portfolio-btn bg-primary d-flex align-items-center
justify-content-center">
                    <a href="./result/portfolio-5.gif" data-lightbox="portfolio">
                        <i class="fa fa-plus text-white" style="font-size:
60px;"></i>
                    </a>
                    <a href="https://github.com/Sanjay-Kumar-SK-MCA-
23/words_count.git">
                        <button class="btnforgit" type="submit">github</button>
                    </a>
                </div>
            </div>
        </div>
        <div class="col-lg-4 col-md-6 mb-4 portfolio-item second">
            <div class="position-relative overflow-hidden mb-2">
                
                <div class="portfolio-btn bg-primary d-flex align-items-center
justify-content-center">
                    <a href="./result/portfolio-6.gif" data-lightbox="portfolio">
                        <i class="fa fa-plus text-white" style="font-size:
60px;"></i>
                    </a>
                    <a href="https://github.com/Sanjay-Kumar-SK-MCA-
23/random_pacman.git">
                        <button class="btnforgit" type="submit">github</button>
                    </a>
                </div>
            </div>
        </div>
        <div class="col-lg-4 col-md-6 mb-4 portfolio-item first">

```

```

        <div class="position-relative overflow-hidden mb-2">
        
        <div class="portfolio-btn bg-primary d-flex align-items-center
justify-content-center">
            <a href="./result/portfolio-7.gif" data-lightbox="portfolio">
                <i class="fa fa-plus text-white" style="font-size:
60px;"></i>
            </a>
            <a href="https://github.com/Sanjay-Kumar-SK-MCA-23/eye_ball.git">
                <button class="btnforgit" type="submit">github</button>
            </a>
        </div>
    </div>
</div>
<div class="col-lg-4 col-md-6 mb-4 portfolio-item third">
    <div class="position-relative overflow-hidden mb-2">
        
        <div class="portfolio-btn bg-primary d-flex align-items-center
justify-content-center">
            <a href="./result/portfolio-8.gif" data-lightbox="portfolio">
                <i class="fa fa-plus text-white" style="font-size:
60px;"></i>
            </a>
            <a href="https://github.com/Sanjay-Kumar-SK-MCA-
23/map_with_start_and_destination.git">
                <button class="btnforgit" type="submit">github</button>
            </a>
        </div>
    </div>
</div>
<div class="col-lg-4 col-md-6 mb-4 portfolio-item third">
    <div class="position-relative overflow-hidden mb-2">
        

```

```

        <div class="portfolio-btn bg-primary d-flex align-items-center
justify-content-center">
            <a href="/result/portfolio-9.gif" data-lightbox="portfolio">
                <i class="fa fa-plus text-white" style="font-size:
60px;"></i>
            </a>
            <a href="https://github.com/Sanjay-Kumar-SK-MCA-
23/towers_of_hanoi.git">
                <button class="btnforgit" type="submit">github</button>
            </a>
        </div>
    </div>
</div>
</div>
</div>
</div>
<!-- Portfolio End -->

```

CSS:

```

.portfolio-item .portfolio-btn {
    position: absolute;
    width: 0;
    height: 0;
    top: 50%;
    left: 50%;
    border-radius: 4px;
    opacity: 0;
    transition: .5s;
}
.portfolio-item:hover .portfolio-btn {
    opacity: 1;
    width: calc(100% - 60px);
    height: calc(100% - 60px);
    top: 30px;
    left: 30px;
}

```

3.3 Navigation Bar

Description:

The above figure are the samples of navigation bar in both desktop View. This was a user-friendly method only, so the user can easily use the features.

Source Code:

HTML:

```
<!-- Navbar Start -->
<nav class="navbar fixed-top shadow-sm navbar-expand-lg bg-light navbar-light py-3 py-lg-0 px-lg-5">
  <a href="index.html" class="navbar-brand ml-lg-3">
    <h1 class="m-0 display-5"><span class="text-primary">Port</span>Folio</h1>
  </a>
  <button type="button" class="navbar-toggler" data-toggle="collapse" data-target="#navbarCollapse">
    <span class="navbar-toggler-icon"></span>
  </button>
  <div class="collapse navbar-collapse px-lg-3" id="navbarCollapse">
    <div class="navbar-nav m-auto py-0">
      <a href="#home" class="nav-item nav-link active">Home</a>
      <a href="#about" class="nav-item nav-link">About</a>
      <a href="#qualification" class="nav-item nav-link">Quality</a>
      <a href="#skill" class="nav-item nav-link">Skill</a>
      <a href="#portfolio" class="nav-item nav-link">Portfolio</a>
      <a href="#contact" class="nav-item nav-link">Contact</a>
    </div>
    <a href="#home" class="btn btn-outline-primary d-none d-lg-block">Home</a>
  </div>
</nav><!-- Navbar End -->
```

CSS:

```
#hero .social-links {
  margin-top: 30px;
}

.nav {
  display: flex;
  flex-wrap: wrap;
  padding-left: 0;
  margin-bottom: 0;
  list-style: none;
}

.nav-link {
  display: block;
  padding: 0.5rem 1rem;
}

.nav-link:hover, .nav-link:focus {
  text-decoration: none;
}

.nav-link.disabled {
  color: #6c757d;
  pointer-events: none;
  cursor: default;
}

.nav-tabs {
  border-bottom: 1px solid #dee2e6;
}

.nav-tabs .nav-item {
  margin-bottom: -1px;
}

.nav-tabs .nav-link {
```



```

border: 1px solid transparent;
border-top-left-radius: 0.25rem;
border-top-right-radius: 0.25rem;
}

.nav-tabs .nav-link:hover, .nav-tabs .nav-link:focus {
  border-color: #e9ecef #e9ecef #dee2e6;
}

.nav-tabs .nav-link.disabled {
  color: #6c757d;
  background-color: transparent;
  border-color: transparent;
}

.nav-tabs .nav-link.active,
.nav-tabs .nav-item.show .nav-link {
  color: #495057;
  background-color: #ffffff;
  border-color: #dee2e6 #dee2e6 #ffffff;
}

.nav-tabs .dropdown-menu {
  margin-top: -1px;
  border-top-left-radius: 0;
  border-top-right-radius: 0;
}

.nav-pills .nav-link {
  border-radius: 0.25rem;
}

.nav-pills .nav-link.active,
.nav-pills .show > .nav-link {
  color: #fff;
  background-color: #0BCEAF;
}

```

```

}

.nav-fill > .nav-link,
.nav-fill .nav-item {
  flex: 1 1 auto;
  text-align: center;
}

.nav-justified > .nav-link,
.nav-justified .nav-item {
  flex-basis: 0;
  flex-grow: 1;
  text-align: center;
}

.tab-content > .tab-pane {
  display: none;
}

.tab-content > .active {
  display: block;
}

.navbar {
  position: relative;
  display: flex;
  flex-wrap: wrap;
  align-items: center;
  justify-content: space-between;
  padding: 0.5rem 1rem;
}

.navbar .container,
.navbar .container-fluid, .navbar .container-sm, .navbar .container-md, .navbar .container-
lg, .navbar .container-xl {
  display: flex;

```

```
flex-wrap: wrap;
align-items: center;
justify-content: space-between;
}

.navbar-brand {
  display: inline-block;
  padding-top: 0.3125rem;
  padding-bottom: 0.3125rem;
  margin-right: 1rem;
  font-size: 1.25rem;
  line-height: inherit;
  white-space: nowrap;
}

.navbar-brand:hover, .navbar-brand:focus {
  text-decoration: none;
}

.navbar-nav {
  display: flex;
  flex-direction: column;
  padding-left: 0;
  margin-bottom: 0;
  list-style: none;
}

.navbar-nav .nav-link {
  padding-right: 0;
  padding-left: 0;
}

.navbar-nav .dropdown-menu {
  position: static;
  float: none;
}
```

```
.navbar-text {
  display: inline-block;
  padding-top: 0.5rem;
  padding-bottom: 0.5rem;
}

.navbar-collapse {
  flex-basis: 100%;
  flex-grow: 1;
  align-items: center;
}

.navbar-toggler {
  padding: 0.25rem 0.75rem;
  font-size: 1.25rem;
  line-height: 1;
  background-color: transparent;
  border: 1px solid transparent;
  border-radius: 0.25rem;
}

.navbar-toggler:hover, .navbar-toggler:focus {
  text-decoration: none;
}

.navbar-toggler-icon {
  display: inline-block;
  width: 1.5em;
  height: 1.5em;
  vertical-align: middle;
  content: "";
  background: no-repeat center center;
  background-size: 100% 100%;
}
```

```

@media (max-width: 575.98px) {
  .navbar-expand-sm > .container,
  .navbar-expand-sm > .container-fluid, .navbar-expand-sm > .container-sm, .navbar-expand-sm
> .container-md, .navbar-expand-sm > .container-lg, .navbar-expand-sm > .container-xl {
    padding-right: 0;
    padding-left: 0;
  }
}

@media (min-width: 576px) {
  .navbar-expand-sm {
    flex-flow: row nowrap;
    justify-content: flex-start;
  }
  .navbar-expand-sm .navbar-nav {
    flex-direction: row;
  }
  .navbar-expand-sm .navbar-nav .dropdown-menu {
    position: absolute;
  }
  .navbar-expand-sm .navbar-nav .nav-link {
    padding-right: 0.5rem;
    padding-left: 0.5rem;
  }
  .navbar-expand-sm > .container,
  .navbar-expand-sm > .container-fluid, .navbar-expand-sm > .container-sm, .navbar-expand-sm
> .container-md, .navbar-expand-sm > .container-lg, .navbar-expand-sm > .container-xl {
    flex-wrap: nowrap;
  }
  .navbar-expand-sm .navbar-collapse {
    display: flex !important;
    flex-basis: auto;
  }
  .navbar-expand-sm .navbar-toggler {
    display: none;
  }
}

```

```

}

@media (max-width: 767.98px) {
  .navbar-expand-md > .container,
  .navbar-expand-md > .container-fluid, .navbar-expand-md > .container-sm, .navbar-expand-md
> .container-md, .navbar-expand-md > .container-lg, .navbar-expand-md > .container-xl {
    padding-right: 0;
    padding-left: 0;
  }
}

@media (min-width: 768px) {
  .navbar-expand-md {
    flex-flow: row nowrap;
    justify-content: flex-start;
  }
  .navbar-expand-md .navbar-nav {
    flex-direction: row;
  }
  .navbar-expand-md .navbar-nav .dropdown-menu {
    position: absolute;
  }
  .navbar-expand-md .navbar-nav .nav-link {
    padding-right: 0.5rem;
    padding-left: 0.5rem;
  }
  .navbar-expand-md > .container,
  .navbar-expand-md > .container-fluid, .navbar-expand-md > .container-sm, .navbar-expand-md
> .container-md, .navbar-expand-md > .container-lg, .navbar-expand-md > .container-xl {
    flex-wrap: nowrap;
  }
  .navbar-expand-md .navbar-collapse {
    display: flex !important;
    flex-basis: auto;
  }
  .navbar-expand-md .navbar-toggler {

```

```

    display: none;
  }
}

@media (max-width: 991.98px) {
  .navbar-expand-lg > .container,
  .navbar-expand-lg > .container-fluid, .navbar-expand-lg > .container-sm, .navbar-expand-lg
> .container-md, .navbar-expand-lg > .container-lg, .navbar-expand-lg > .container-xl {
    padding-right: 0;
    padding-left: 0;
  }
}

@media (min-width: 992px) {
  .navbar-expand-lg {
    flex-flow: row nowrap;
    justify-content: flex-start;
  }
  .navbar-expand-lg .navbar-nav {
    flex-direction: row;
  }
  .navbar-expand-lg .navbar-nav .dropdown-menu {
    position: absolute;
  }
  .navbar-expand-lg .navbar-nav .nav-link {
    padding-right: 0.5rem;
    padding-left: 0.5rem;
  }
  .navbar-expand-lg > .container,
  .navbar-expand-lg > .container-fluid, .navbar-expand-lg > .container-sm, .navbar-expand-lg
> .container-md, .navbar-expand-lg > .container-lg, .navbar-expand-lg > .container-xl {
    flex-wrap: nowrap;
  }
  .navbar-expand-lg .navbar-collapse {
    display: flex !important;
    flex-basis: auto;
  }
}

```

```

}
.navbar-expand-lg .navbar-toggler {
  display: none;
}
}

@media (max-width: 1199.98px) {
  .navbar-expand-xl > .container,
  .navbar-expand-xl > .container-fluid, .navbar-expand-xl > .container-sm, .navbar-expand-xl
> .container-md, .navbar-expand-xl > .container-lg, .navbar-expand-xl > .container-xl {
    padding-right: 0;
    padding-left: 0;
  }
}

@media (min-width: 1200px) {
  .navbar-expand-xl {
    flex-flow: row nowrap;
    justify-content: flex-start;
  }
  .navbar-expand-xl .navbar-nav {
    flex-direction: row;
  }
  .navbar-expand-xl .navbar-nav .dropdown-menu {
    position: absolute;
  }
  .navbar-expand-xl .navbar-nav .nav-link {
    padding-right: 0.5rem;
    padding-left: 0.5rem;
  }
  .navbar-expand-xl > .container,
  .navbar-expand-xl > .container-fluid, .navbar-expand-xl > .container-sm, .navbar-expand-xl
> .container-md, .navbar-expand-xl > .container-lg, .navbar-expand-xl > .container-xl {
    flex-wrap: nowrap;
  }
  .navbar-expand-xl .navbar-collapse {

```



```

    display: flex !important;
    flex-basis: auto;
  }
  .navbar-expand-xl .navbar-toggler {
    display: none;
  }
}

.navbar-expand {
  flex-flow: row nowrap;
  justify-content: flex-start;
}

.navbar-expand > .container,
.navbar-expand > .container-fluid, .navbar-expand > .container-sm, .navbar-expand >
.container-md, .navbar-expand > .container-lg, .navbar-expand > .container-xl {
  padding-right: 0;
  padding-left: 0;
}

.navbar-expand .navbar-nav {
  flex-direction: row;
}

.navbar-expand .navbar-nav .dropdown-menu {
  position: absolute;
}

.navbar-expand .navbar-nav .nav-link {
  padding-right: 0.5rem;
  padding-left: 0.5rem;
}

.navbar-expand > .container,
.navbar-expand > .container-fluid, .navbar-expand > .container-sm, .navbar-expand >
.container-md, .navbar-expand > .container-lg, .navbar-expand > .container-xl {

```

```

flex-wrap: nowrap;
}

.navbar-expand .navbar-collapse {
  display: flex !important;
  flex-basis: auto;
}

.navbar-expand .navbar-toggler {
  display: none;
}

.navbar-light .navbar-brand {
  color: rgba(0, 0, 0, 0.9);
}

.navbar-light .navbar-brand:hover, .navbar-light .navbar-brand:focus {
  color: rgba(0, 0, 0, 0.9);
}

.navbar-light .navbar-nav .nav-link {
  color: rgba(0, 0, 0, 0.5);
}

.navbar-light .navbar-nav .nav-link:hover, .navbar-light .navbar-nav .nav-link:focus {
  color: rgba(0, 0, 0, 0.7);
}

.navbar-light .navbar-nav .nav-link.disabled {
  color: rgba(0, 0, 0, 0.3);
}

.navbar-light .navbar-nav .show > .nav-link,
.navbar-light .navbar-nav .active > .nav-link,
.navbar-light .navbar-nav .nav-link.show,
.navbar-light .navbar-nav .nav-link.active {

```

```

    color: rgba(0, 0, 0, 0.9);
}

.navbar-light .navbar-toggler {
    color: rgba(0, 0, 0, 0.5);
    border-color: rgba(0, 0, 0, 0.1);
}

.navbar-light .navbar-toggler-icon {
    background-image: url("data:image/svg+xml,%3csvg xmlns='http://www.w3.org/2000/svg'
width='30' height='30' viewBox='0 0 30 30'%3e%3cpath stroke='rgba%280, 0, 0, 0.5%29' stroke-
linecap='round' stroke-miterlimit='10' stroke-width='2' d='M4 7h22M4 15h22M4
23h22'/%3e%3c/svg%3e");
}

.navbar-light .navbar-text {
    color: rgba(0, 0, 0, 0.5);
}

.navbar-light .navbar-text a {
    color: rgba(0, 0, 0, 0.9);
}

.navbar-light .navbar-text a:hover, .navbar-light .navbar-text a:focus {
    color: rgba(0, 0, 0, 0.9);
}

.navbar-dark .navbar-brand {
    color: #fff;
}

.navbar-dark .navbar-brand:hover, .navbar-dark .navbar-brand:focus {
    color: #fff;
}

.navbar-dark .navbar-nav .nav-link {

```

```

    color: rgba(255, 255, 255, 0.5);
}

.navbar-dark .navbar-nav .nav-link:hover, .navbar-dark .navbar-nav .nav-link:focus {
    color: rgba(255, 255, 255, 0.75);
}

.navbar-dark .navbar-nav .nav-link.disabled {
    color: rgba(255, 255, 255, 0.25);
}

.navbar-dark .navbar-nav .show > .nav-link,
.navbar-dark .navbar-nav .active > .nav-link,
.navbar-dark .navbar-nav .nav-link.show,
.navbar-dark .navbar-nav .nav-link.active {
    color: #fff;
}

.navbar-dark .navbar-toggler {
    color: rgba(255, 255, 255, 0.5);
    border-color: rgba(255, 255, 255, 0.1);
}

.navbar-dark .navbar-toggler-icon {
    background-image: url("data:image/svg+xml,%3csvg xmlns='http://www.w3.org/2000/svg'
width='30' height='30' viewBox='0 0 30 30'%3e%3cpath stroke='rgba%28255, 255, 255, 0.5%29'
stroke-linecap='round' stroke-miterlimit='10' stroke-width='2' d='M4 7h22M4 15h22M4
23h22'/%3e%3c/svg%3e");
}

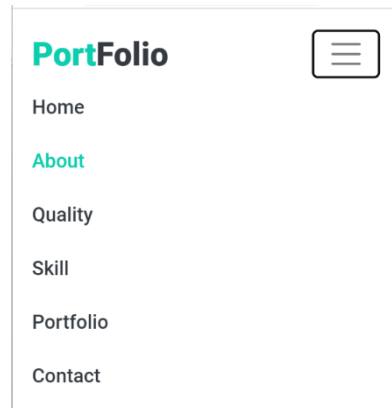
.navbar-dark .navbar-text {
    color: rgba(255, 255, 255, 0.5);
}

.navbar-dark .navbar-text a {
    color: #fff;
}

.navbar-dark .navbar-text a:hover, .navbar-dark .navbar-text a:focus {
    color: #fff;
}

```

Mobile View



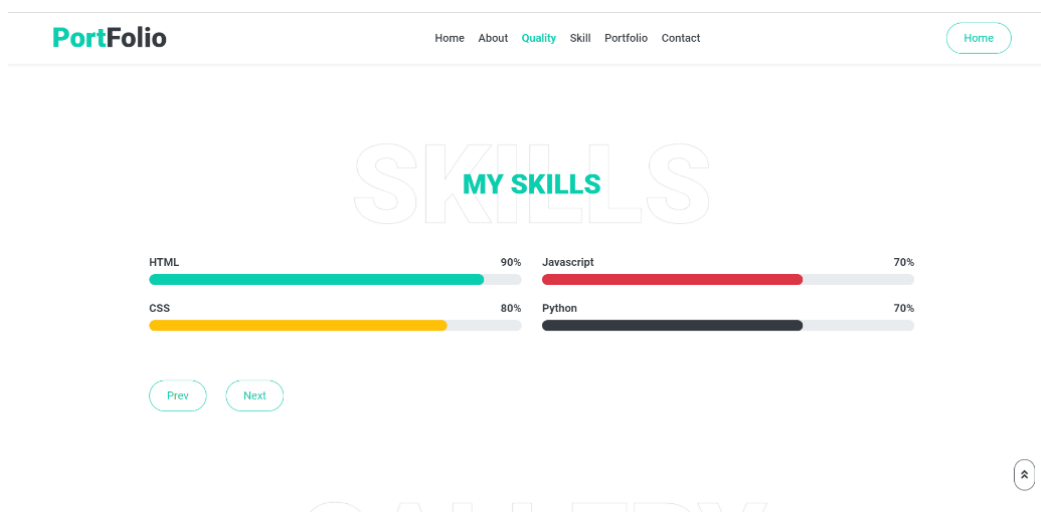
Description:

The above figure are the samples of navigation bar in both mobile View. This was a user-friendly method only, so the user can easily use the features.

Features:

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

3.4. Skills:



Description:

The above figures are skill page, which contain a subdivision named PERSONAL SKILLS. Basically, it is an animation, when the user load the page it will load or fill the color in the bar from 0th position.

Source Code:

HTML:

```
<!-- Skill Start -->
<div class="container-fluid py-5" id="skill">
  <div class="container">
    <div class="position-relative d-flex align-items-center justify-content-center">
      <h1 class="display-1 text-uppercase text-white" style="-webkit-text-stroke:
1px #dee2e6;">Skills</h1>
      <h1 class="position-absolute text-uppercase text-primary">My Skills</h1>
    </div>
    <div class="row align-items-center">
      <div class="col-md-6">
        <div class="skill mb-4">
          <div class="d-flex justify-content-between">
            <h6 class="font-weight-bold">HTML</h6>
            <h6 class="font-weight-bold">90%</h6>
          </div>
          <div class="progress">
            <div class="progress-bar bg-primary" role="progressbar" aria-
valuenow="90" aria-valuemin="0" aria-valuemax="100"></div>
          </div>
        </div>
        <div class="skill mb-4">
          <div class="d-flex justify-content-between">
            <h6 class="font-weight-bold">CSS</h6>
            <h6 class="font-weight-bold">80%</h6>
          </div>
        </div>
      </div>
    </div>
  </div>
</div>
```

```

        <div class="progress">
            <div class="progress-bar bg-warning" role="progressbar" aria-
valuenow="80" aria-valuemin="0" aria-valuemax="100"></div>
        </div>
    </div>
</div>
<div class="col-md-6">
    <div class="skill mb-4">
        <div class="d-flex justify-content-between">
            <h6 class="font-weight-bold">Javascript</h6>
            <h6 class="font-weight-bold">70%</h6>
        </div>
        <div class="progress">
            <div class="progress-bar bg-danger" role="progressbar" aria-
valuenow="70" aria-valuemin="0" aria-valuemax="100"></div>
        </div>
    </div>
    <div class="skill mb-4">
        <div class="d-flex justify-content-between">
            <h6 class="font-weight-bold">Python</h6>
            <h6 class="font-weight-bold">70%</h6>
        </div>
        <div class="progress">
            <div class="progress-bar bg-dark" role="progressbar" aria-
valuenow="70" aria-valuemin="0" aria-valuemax="100"></div>
        </div>
    </div>
</div>
</div><br><br>
<a href="#qualification" class="btn btn-outline-primary mr-4">Prev</a>
<a href="#portfolio" class="btn btn-outline-primary">Next</a>
</div>
</div>
<!-- Skill End -->

```

CSS:

```
.progress {
  display: flex;
  height: 1rem;
  overflow: hidden;
  line-height: 0;
  font-size: 0.75rem;
  background-color: #e9ecef;
  border-radius: 0.25rem;
}

.progress-bar {
  display: flex;
  flex-direction: column;
  justify-content: center;
  overflow: hidden;
  color: #fff;
  text-align: center;
  white-space: nowrap;
  background-color: #0BCEAF;
  transition: width 0.6s ease;
}

@media (prefers-reduced-motion: reduce) {
  .progress-bar {
    transition: none;
  }
}

.progress-bar-striped {
  background-image: linear-gradient(45deg, rgba(255, 255, 255, 0.15) 25%, transparent 25%,
transparent 50%, rgba(255, 255, 255, 0.15) 50%, rgba(255, 255, 255, 0.15) 75%, transparent
75%, transparent);
  background-size: 1rem 1rem;
}

.progress-bar-animated {
  animation: progress-bar-stripes 1s linear infinite;
}

@media (prefers-reduced-motion: reduce) {
```



```
.progress-bar-animated {  
  animation: none;  
}  
}  
.progress {  
  border-radius: 10px;  
}  
.progress .progress-bar {  
  width: 0px;  
  border-radius: 10px;  
  transition: 2s;  
}  
.service-icon {  
  width: 60px;  
  height: 60px;  
  display: flex;  
  align-items: center;  
  justify-content: center;  
  border-radius: 60px;
```

Chapter 4:

4.1 Styles

```
.typed-cursor {
  font-size: 45px;
  color: #ffffff;
}

.btn-play {
  position: relative;
  display: block;
  box-sizing: content-box;
  width: 16px;
  height: 26px;
  border-radius: 100%;
  border: none;
  outline: none !important;
  padding: 18px 20px 20px 28px;
}

.btn-play:before {
  content: "";
  position: absolute;
  z-index: 0;
  left: 50%;
  top: 50%;
  transform: translateX(-50%) translateY(-50%);
  display: block;
  width: 60px;
  height: 60px;
  background: #ffffff;
  border-radius: 100%;
  animation: pulse-border 1500ms ease-out infinite;
}

.btn-play:after {
  content: "";
  position: absolute;
```

```

z-index: 1;
left: 50%;
top: 50%;
transform: translateX(-50%) translateY(-50%);
display: block;
width: 60px;
height: 60px;
background: #ffffff;
border-radius: 100%;
transition: all 200ms;
}

.btn-play span {
display: block;
position: relative;
z-index: 3;
width: 0;
height: 0;
left: -1px;
border-left: 16px solid #0BCEAF;
border-top: 11px solid transparent;
border-bottom: 11px solid transparent;
}

.scroll-to-bottom {
position: fixed;
width: 20px;
left: calc(50% - 10px);
bottom: 30px;
z-index: 11;
animation: action 1s infinite alternate;
}

.back-to-top {
position: fixed;
display: none;
width: 30px;
text-align: center;
right: 30px;

```

```
bottom: 30px;
z-index: 11;
animation: action 1s infinite alternate;
}
```

4.2. Style Links

```
<link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.2/css/all.min.css"
rel="stylesheet">
<link rel="preconnect" href="https://fonts.gstatic.com">
<link rel="stylesheet"
href="https://fonts.googleapis.com/css2?family=Roboto:wght@300;400;500;700;900&display=swap">
<link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.10.0/css/all.min.css"
rel="stylesheet">
<link href="lib/owlcarousel/assets/owl.carousel.min.css" rel="stylesheet">
<link href="lib/lightbox/css/lightbox.min.css" rel="stylesheet">
<link href="css/style.css" rel="stylesheet">
```

Chapter 5:

Website include the following Information

5.1 Project links to GitHub:

PROJECT-1

Title: SIMULATION BALL MOVEMENT

Link: https://sanjay-kumar-sk-mca-23.github.io/Simulation_ball_movement/

❖ Project Description:

This project has a simple red 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. I Given My Project Link And Output Here..

PROJECT-2

Title: GRAPHIC ANIMATION OF THE RANDOM WALK

Link: https://sanjay-kumar-sk-mca-23.github.io/Graphic_animation_of_the_random_walk/

❖ Project Description:

This project moving Random Ball in Small Container. First I give sample of the three balls in output. You Like Give move Ball its run. Its Run x & y axis in random sides.

PROJECT-3

Title: PACMAN MOVEMENT

Link: https://sanjay-kumar-sk-mca-23.github.io/pacman_movement/

❖ Project Description:

An array arr holds the file names of Pac-Man images used for animation. The Pac-Man image source is updated to create the mouth-open/close animation effect.

The position variable is adjusted based on direction and velocity, causing Pac-Man to move back and forth. Pac-Man's position and styling are updated dynamically within the "box" container.

PROJECT-4

Title: BOSTON CITY DATA

Link: <https://sanjay-kumar-sk-mca-23.github.io/boston/>

❖ Project Description:

I Given Boston File in Some Employers Details. Then I create extra one boston in name of boston 1. I linked in Two JavaScript File in Html. And run the Code Given Best Salary Persons Details Showing Desktop.

PROJECT-5

Title: WORD COUNT

Link: https://sanjay-kumar-sk-mca-23.github.io/words_count/

❖ Project Description:

This project was give paragraph then count the artical letters. And given the paragraph some Special characters on empty. So I given Project link and Output here.

PROJECT-6

Title: RANDOM PACMAN

Link: https://sanjay-kumar-sk-mca-23.github.io/random_pacman/

❖ Project Description:

If you click the "Add PacMan" button, a new pacman should appear at a random position on the screen. If you click the "Start Game" button, the pacman or pacmen created should start moving at random velocity on the screen. The a given pacman hits the edge of the screen, it should change position to stay within the frame of the web page.

PROJECT-7

Title: EYE BALL MOVEMENT

Link: https://sanjay-kumar-sk-mca-23.github.io/eye_ball/

❖ Project Description:

The overall program creates a visual representation of a face with two eyes and a mouth. The eyes follow the mouse movement, providing an interactive and dynamic effect. The colors, sizes, and positions of the elements are defined through CSS, and the interaction is handled through JavaScript. This example showcases a combination of HTML, CSS, and JavaScript to create a simple and interactive graphical element.

PROJECT-8

Title: MAP ANIMATION

Link: https://sanjay-kumar-sk-mca-23.github.io/map_with_start_and_destination/

❖ Project Description:

This program showcases a simple web page with a Mapbox map. It initializes a map, places a marker at the first set of coordinates, and then animates the marker along a predefined array of coordinates (busStops). The animation is triggered by clicking a button in the map overlay. The provided Mapbox access token is essential for using Mapbox services. Overall, the program demonstrates basic map interaction and animation using Mapbox GL.

PROJECT-9

Title: HANOI TOWER

Link: https://sanjay-kumar-sk-mca-23.github.io/towers_of_hanoi/

❖ Project Description:

The Tower of Hanoi is a classic puzzle where the objective is to move a stack of disks from one peg to another.

How to run the code:

Step 1: Save the HTML file with .html extension.

Step 2: Click the "Go Live" button. A new browser window will open, displaying Hanoi-Towers puzzle.

Chapter 6:

Bootstrap

6.1 Uses of Bootstrap:

```
<script src="https://code.jquery.com/jquery-3.4.1.min.js"></script>
<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.bundle.min.js">
</script>
<script src="lib/typed/typed.min.js"></script>
<script src="lib/easing/easing.min.js"></script>
<script src="lib/waypoints/waypoints.min.js"></script>
<script src="lib/owlcarousel/owl.carousel.min.js"></script>
<script src="lib/isotope/isotope.pkgd.min.js"></script>
<script src="lib/lightbox/js/lightbox.min.js"></script>
```

Description:

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

```
*/:root,[data-bs-theme=light]{--bs-blue:#0d6efd;--bs-indigo:#6610f2;--bs-purple:#6f42c1;--bs-pink:#d63384;
--bs-red:#dc3545;--bs-orange:#fd7e14;--bs-yellow:#ffc107;--bs-green:#198754;--bs-teal:#20c997;--bs-cyan:#0dca
--bs-black:#000;--bs-white:#fff;--bs-gray:#6c757d;--bs-gray-dark:#343a40;--bs-gray-100:#f8f9fa;
--bs-gray-200:#e9ecef;--bs-gray-300:#dee2e6;--bs-gray-400:#ced4da;--bs-gray-500:#adb5bd;--bs-gray-600:#6c757d;
--bs-gray-700:#495057;--bs-gray-800:#343a40;--bs-gray-900:#212529;--bs-primary:#0d6efd;--bs-secondary:#6c757d;
--bs-success:#198754;--bs-info:#0dcafc;--bs-warning:#ffc107;--bs-dark:#212529;--bs-light:#f8f9fa;
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--bs-danger-text-emphasis:#58151c;--bs-light-text-emphasis:#495057;--bs-dark-text-emphasis:#495057;
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--bs-dark-border-subtle:#adb5bd;--bs-white-rgb:255,255,255;--bs-black-rgb:0,0,0;--bs-font-sans-serif:system-ui,
"apple-system","Segoe UI",Roboto,"Helvetica Neue","Noto Sans","Liberation Sans",Arial,sans-serif,"Apple Color Emoji",
"Segoe UI Emoji","Segoe UI Symbol","Noto Color Emoji";--bs-font-monospace:SFMono-Regular,Menlo,Monaco,Consolas,
"Liberation Mono","Courier New",monospace;--bs-gradient:linear-gradient(180deg, rgba(255, 255, 255, 0.15), rgba(255,
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--bs-link-hover-color:#0a58ca;--bs-link-hover-color-rgb:10,88,202;--bs-code-color:#d63384;
--bs-highlight-color:#212529;--bs-highlight-bg:#fff3cd;--bs-border-width:1px;--bs-border-style:solid;
```

Chapter 7:

Project README

cross_ball [↗](#)

Description:

This HTML page displays a continuous bouncing red ball animation within a rectangular area, controlled by JavaScript using the setInterval function with a 500-millisecond interval.

How to run the code:

Step 1: Save the HTML file with a .html extension.

Step 2: Install the Live Server extension in Visual Studio Code, then click the "Go Live" button at the bottom right corner of the VSCode window to open a new browser window displaying the ball-moving animation.

Future improvement:

consider adding user interaction features like mouse or keyboard control to change the ball's direction or speed, or adding obstacles or targets for the ball to interact with, creating a more engaging and interactive animation.

random_ball [↗](#)

Description:

Elevate the animation by enabling user input for modifying the ball's movement, incorporating elements like keyboard and mouse controls, as well as introducing obstacles or targets to enhance interactivity.

How to run the code:

Step1: Save the HTML file with a .html extension.

Step2: Click the "Go Live" button to open a new browser window displaying the Bouncing_Ball animation.

Future improvement:

consider integrating user interaction like click-and-drag functionality, customizable ball properties, and physics-based interactions, such as ball collisions, for a more engaging and interactive animation.

pacman_movement

This HTML page features a Pac-Man animation moving horizontally within a container, controlled by JavaScript for direction, mouth animation, and boundary reversal, with a continuous animation loop triggered by setInterval every 100 milliseconds.

How to run the code:

step1:Save the HTML file with .html extension.

step2:Click the "Go Live" button.A new browser window will open, displaying Pacman animation.

Future Improvement:

consider adding obstacles or interactive elements within the container for Pac-Man to interact with, adding sound effects, or incorporating user controls for changing Pac-Man's direction and speed,enhancing the overall user experience.

boston

Description:

This JavaScript program retrieves and displays information about the top five earning employees in Boston, providing key details for each employee.

How to run the code:

step1:Save the HTML file with .html extension.

step2:Click the "Go Live" button.A new browser window will open, displaying Boston data.

Future Enhancement:

Implementing a search or filter feature to allow users to specify custom criteria for identifying top earners within a larger dataset.

word_count [↗](#)

Description:

This HTML document displays the top 3 most frequently occurring words from a provided paragraph after removing punctuation and converting all text to lowercase.

How to run the code:

step1: Save the HTML file with .html extension.

step2: Click the "Go Live" button. A new browser window will open, displaying top 3 words.

Future Enhancements:

Implementing user interactivity to allow dynamic paragraph input. Adding the ability to customize the number of top words displayed.

random_pacman [↗](#)

Description:

The HTML document creates a basic Pac-Man game with randomly generated Pac-Man characters that bounce off the container's boundaries and change mouth states while moving.

How to run the code:

step1: Save the HTML file with .html extension.

step2: Click the "Go Live" button. A new browser window will open, displaying pacman-game.

Future Enhancements:

- 1) Add scoring and obstacles for increased complexity.
- 2) Incorporate user controls for interactive gameplay.

eye_ball [↗](#)

Description:

This HTML document creates a simple interactive face with moving eyes that follow the user's mouse cursor. The face consists of a yellow circle with two eyes, and the eyes' black pupils follow the mouse movement.

How to run the code:

step1:Save the HTML file with .html extension.

step2:Click the "Go Live" button.A new browser window will open, displaying EyeBall moving.

Future Enhancement:

- 1)Add facial expressions or animations to make the interactive face more engaging.
- 2)Implement user interaction, such as clicking on the eyes to trigger actions or reactions.

map_with_start_and_destination [↗](#)

Description:

This HTML document displays a map using Mapbox and a button to animate a marker's movement along predefined bus stops between Gandhipuram and Sulur.

How to run the code:

step1:Save the HTML file with .html extension.

step2:Click the "Go Live" button.A new browser window will open, displaying map moving from one place to another place.

Future Enhancement:

- 1)Display real-time bus location data on the map for a more practical application.
- 2)Add interactive features like bus stop information on click or route selection options.

towers_of_hanoi [↗](#)

Description:

The Tower of Hanoi is a classic puzzle where the objective is to move a stack of disks from one peg to another .

****How to run the code:**

step1:Save the HTML file with .html extension.

step2:Click the "Go Live" button.A new browser window will open, displaying Hanoi-Towers puzzle.

Future Enchancement:

Implement a timer to track the time taken to solve the Tower of Hanoi puzzle.

Description:

The above figures are the screenshot of project README files (Description, steps to run, future improvement) in a desktop view.

Chapter 8:

File Structure

SIMULATION BALL MOVEMENT:

The screenshot shows the GitHub repository page for 'Simulation_ball_movement' by user Sanjay-Kumar-SK-MCA-23. The repository is public and has 1 branch (main) and 0 tags. The commit history shows three commits: 'Create LICENSE' (4 hours ago), 'Update README.md' (5 days ago), and 'Update and rename coding assignment 1.4.h...' (3 weeks ago).

File	Commit Message	Time
LICENSE	Create LICENSE	4 hours ago
README.md	Update README.md	5 days ago
index.html	Update and rename coding assignment 1.4.h...	3 weeks ago

GRAPHIC ANIMATION OF THE RANDOM WALK:

The screenshot shows the GitHub repository page for 'Graphic_animation_of_the_random_walk' by user Sanjay-Kumar-SK-MCA-23. The repository is public and has 1 branch (main) and 0 tags. The commit history shows four commits: 'Create LICENSE' (4 hours ago), 'Update README.md' (5 days ago), 'Update and rename coding assignment 2.1.h...' (3 weeks ago), and 'video' (4 days ago).

File	Commit Message	Time
LICENSE	Create LICENSE	4 hours ago
README.md	Update README.md	5 days ago
index.html	Update and rename coding assignment 2.1.h...	3 weeks ago
portfolio-2.mp4	video	4 days ago

PACMAN MOVEMENT:

Sanjay-Kumar-SK-... / pacman_moveme...

🔍 Type / to search

<> Code

Issues


Pull requests

Actions

Projects

Wiki

Security

 **pacman_movement** Public

📌 Pin

👁 Unwatch

🔗 main ▾


🔗 1 branch

🏷 0 tags

Go to file

Add file ▾

<> Code ▾

 **Sanjay-Kumar-SK-MCA-23** Create LICENSE ✓ 76bad40 4 hours ago ⌚ 7 commits

📁 Images	pacman_movement	3 weeks ago
📄 LICENSE	Create LICENSE	4 hours ago
📄 README.md	Update README.md	5 days ago
📄 index.html	Update and rename coding assignment 3.1.h...	3 weeks ago
📄 portfolio-3.mp4	video	4 days ago

BOSTON DATA:

Sanjay-Kumar-SK-MCA-23 / boston

🔍 Type / to search

<> Code

Issues

Pull requests

Actions


Projects

Wiki

Security

Insights

Settings

 **boston** Public

📌 Pin

👁 Unwatch

🔗 main ▾


🔗 1 branch

🏷 0 tags

Go to file



Add file ▾

<> Code ▾


 **Sanjay-Kumar-SK-MCA-23** Create LICENSE ✓ 17393d2 29 minutes ago ⌚ 7 commits

📄 LICENSE	Create LICENSE	29 minutes ago
📄 README.md	Update README.md	5 days ago
📄 boston.js	boston	3 weeks ago
📄 index.html	Update and rename coding assignment 4.1.html to index.html	3 weeks ago
📄 newBoston.js	boston	3 weeks ago
📄 portfolio-4.png	image	4 days ago


WORD COUNT:






 Sanjay-Kumar-SK-MCA-23 / words_count

[Code](#) [Issues](#) [Pull requests](#) [Actions](#) [Projects](#) [Wiki](#) [Security](#)



 **words_count** Public Pin Unwatch

main 1 branch 0 tags Go to file Add file Code


 Sanjay-Kumar-SK-MCA-23 Create LICENSE ✓ 87105b2 25 minutes ago ⌚ 8 commits

 LICENSE	Create LICENSE	25 minutes ago
 README.md	Update README.md	5 days ago
 coding_assignment_...	word count	3 weeks ago
 index.html	Update and rename coding_assignment_5.1....	3 weeks ago
 portfolio-5.png	image	4 days ago


RANDOM PACMAN:






 Sanjay-Kumar-SK-MC... / random_pacm...

[Code](#) [Issues](#) [Pull requests](#) [Actions](#) [Projects](#) [Wiki](#) [Security](#)



 **random_pacman** Public Pin Unwatch

main 1 branch 0 tags Go to file Add file Code


 Sanjay-Kumar-SK-MCA-23 Create LICENSE ✓ 07938b8 15 minutes ago ⌚ 7 commits

 Images	random_pacman	3 weeks ago
 LICENSE	Create LICENSE	15 minutes ago
 README.md	Update README.md	5 days ago
 index.html	Update and rename coding_assignment_6.1....	3 weeks ago
 portfolio-6.mp4	video	4 days ago


EYE BALL:





 Sanjay-Kumar-SK-MCA-23 / eye_ball

[Code](#) [Issues](#) [Pull requests](#) [Actions](#) [Projects](#) [Wiki](#) [Security](#)



 eye_ball Public [Pin](#) [Unwatch](#)

[main](#) [1 branch](#) [0 tags](#) [Go to file](#) [Add file](#) [Code](#)


 Sanjay-Kumar-SK-MCA-23 Create LICENSE ✓ dee2e89 4 minutes ago [8 commits](#)

 LICENSE	Create LICENSE	4 minutes ago
 README.md	Update README.md	5 days ago
 index.html	Update and rename coding_assignment_7.1....	3 weeks ago
 portfolio-7.mp4	video	4 days ago


ROUTE MAPBOX:






 Sanjay... / map_with_start_and_destinati...

[Code](#) [Issues](#) [Pull requests](#) [Actions](#) [Projects](#) [Wiki](#) [Security](#)

 map_with_start_and_destination Public [Pin](#) [Unwatch](#)

[main](#) [1 branch](#) [0 tags](#) [Go to file](#) [Add file](#) [Code](#)

 Sanjay-Kumar-SK-MCA-23 Create LICENSE ✓ 8f7d358 3 minutes ago [7 commits](#)

 LICENSE	Create LICENSE	3 minutes ago
 README.md	Update README.md	5 days ago
 index.html	Update and rename coding_assignment_8.1....	3 weeks ago
 mapanimation.js	map_with_start_and_destination	3 weeks ago
 styles.css	map_with_start_and_destination	3 weeks ago

TOWERS OF HANOI:

Sanjay-Kumar-SK-MCA-23 / towers_of_hanoi

Type to search

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Issues

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Projects

Wiki

Security

Insights

Settings

towers_of_hanoi

Public

Pin

Unwatch

main

1 branch

0 tags

Go to file

Add file

<> Code

Sanjay-Kumar-SK-MCA-23

Create LICENSE

✓ a8eae10

1 minute ago

5 commits

LICENSE	Create LICENSE	1 minute ago
README.md	Update README.md	5 days ago
hanoi.js	towers_of_hanoi	5 days ago
index.html	towers_of_hanoi	5 days ago
portfolio-9.mp4	video	4 days ago
styles.css	towers_of_hanoi	5 days ago
towers.js	towers_of_hanoi	5 days ago

