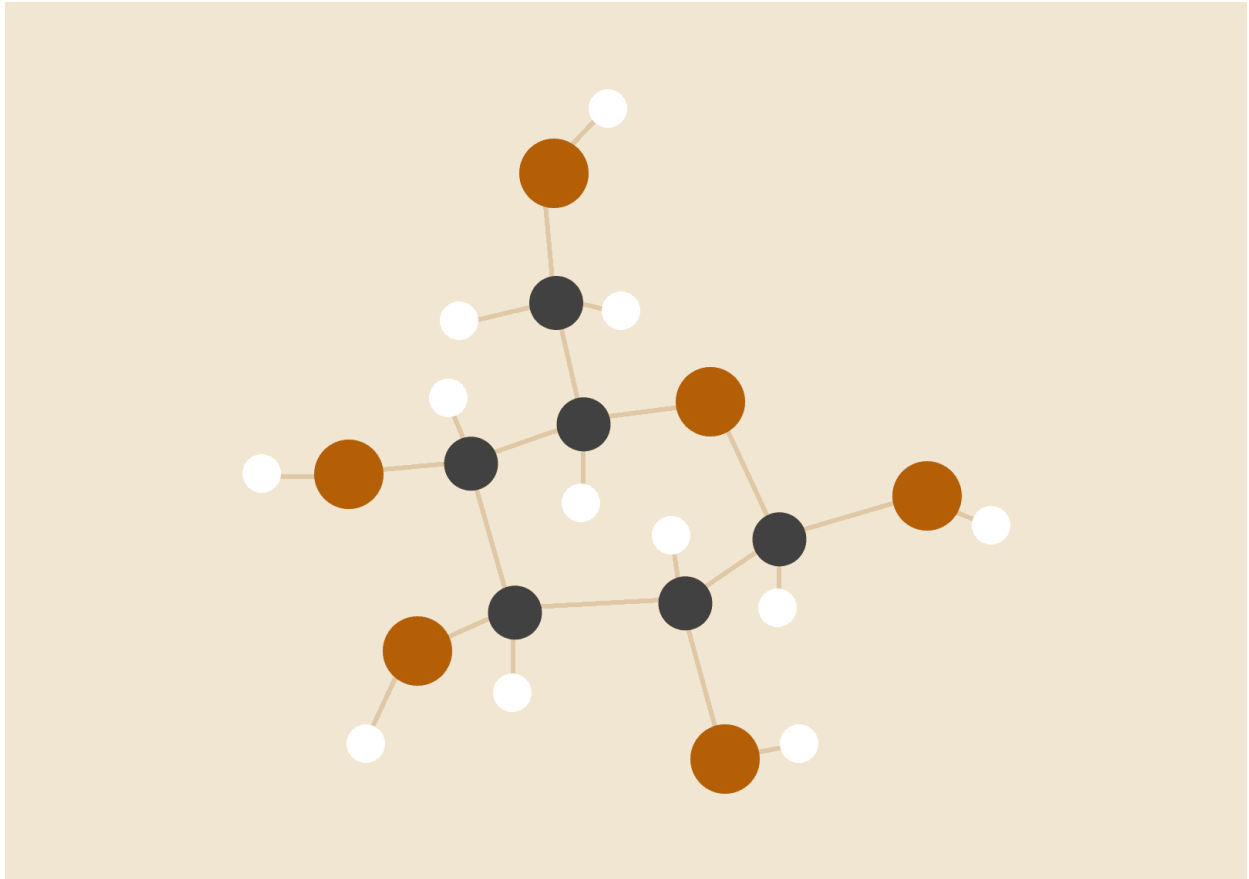# WEB PROGRAMMING

REACT JS ASSIGNMENT

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CODE

App.js

```javascript
// src/App.js


import React from 'react';

import { BrowserRouter as Router, Route, Routes } from 'react-router-dom';

import Navbar from '../src/Navbar';

import Introduction from "../src/Introduction"

import PhotoGallery from "../src/PhotoGallery"

import '../src/App.css';

import './styles.css';



function App() {

return (

  <Router>

  <div>

    <Navbar />

    <Routes>

    <Route path="/" element={<Introduction />} />

    <Route path="/gallery" element={<PhotoGallery />} />


    </Routes>
```

```
    </div>

  </Router>

);

}


export default App;
```

Navbar.js

```
// src/components/Navbar.js

import React from 'react';

import { Link }

    from 'react-router-dom';

// Import the external CSS file for Navbar styles

import './Navbar.css';


const Navbar = () => {

    return (

        <nav className="navbar-container">

            <div className="logo">

                <img src=

"https://media.istockphoto.com/id/1405423973/vector/camera.jpg?s=612x612&w
=0&k=20&c=5CbU7l0e5vaT_o4ebr5As-2-M6IJsU1wFsRVPHPKzqc="

                    alt="Logo" />
```

```jsx
        </div>

        <ul className="nav-links">

            <li><Link to="/">

                Home

            </Link></li>

            <li>

                <Link to="/gallery">

                Gallery

                </Link>

            </li>

            {/* Add more navigation items as needed */}

        </ul>

    </nav>

    );

};


export default Navbar;
```

Navbar.css

```css
/* src/components/Navbar.css */



.navbar-container {

    background-color: #d769af;
```

```css
    color: #fff;

    padding: 10px 20px;

    display: flex;

    justify-content: space-between;

    align-items: center;

}


.logo img {

    width: 15%;

    height: auto;

}


.nav-links {

    list-style: none;

    display: flex;

}


.nav-links li {

    margin-right: 20px;

}


.nav-links a {

    text-decoration: none;

    color: #fff;
```

```css
    font-weight: bold;

    font-size: 1.2em;

    transition: color 0.3s ease-in-out;

}



.nav-links a:hover {

    color: #ffd700;

    /* Change the color on hover as desired */

}
```

Introduction.js

```js
import React from "react";

import { Link } from "react-router-dom";



const Introduction = () => {

  return (

    <>

      <div className="introduction">

        <div className="text">

          <h1>

            Anusha's Photography

            Journey

          </h1>

          <p>
```

```
        Discover the beauty

        through my lens...

      </p>

      <p>

        Capturing moments, telling stories,

        and creating memories that last a

        lifetime.

      </p>

      <Link to="/gallery" className="explore-button">

        Explore Now

      </Link>

    </div>

    <div className="image" style={{ width: '500px', height: '400px'
}}>

        <img

src="https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcTTuS_Ga1WBmxpsP
GcrgFPY1qULfFhM0OXqhw&s"

        alt="Introduction"

      />

    </div>

  </div>

  <div className="about">

    <h2>About Me</h2>

    <p>
```

```
        Passionate photographer who likes to explore and capture moments
through her lens. Currently a student of VIT, Vellore. Also have keen
interest in art and a passionate coder

        </p>

        <div className="subsc">

          <div className="subs">

            <h3>Resume</h3>

            <p>View my resume</p>

            <a
href="https://drive.google.com/drive/folders/1iTUyMWBR99Zh01ru8T7qSqIZB2_U
cD13" target="_blank" rel="noopener noreferrer">

              <button className="subs-button">

                View

              </button>

            </a>

          </div>

          <div className="subs">

            <h3>My photography</h3>

            <p>

              Visit my photography page

            </p>

            <Link to="/gallery" className="subs-button">

              View

            </Link>

          </div>
```

```
        </div>

      </div>

    </>

  );

};


export default Introduction;
```

PhotoGallery.js

```javascript
// src/components/PhotoGallery.js

import React, { useState } from 'react';

import { Link } from 'react-router-dom';



const PhotoGallery = () => {

    // Assuming photos is an array of image URLs

    const photos = [

'https://www.picturecorrect.com/wp-content/uploads/2017/06/nature-photogra
phy.jpg',

'https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcRGoMl9H9CxSfToFvUR5
1Z_h1ci-Qg8js-CZg&s',

'https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcQMaz52mMM1jE_pBAruY
Z1mTJ9_KX0KIXyw-A&s',

'https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcRtO6D5qin-8_JVzi2FZ
sV6CiManLzpf9M7AQ&s',

'https://farm9.staticflickr.com/8161/7464436266_708fe02618_z.jpg',

'https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcQF4cNveXIiYC7aJPXLI
```

```
1DHJ3puTOJhkT79Vg&s'

    ];


    return (

        <div className="photo-gallery">

            {photos.map(

                (photo, index) => (

                    <Link to={`/photo/${index}`}

                        key={index}>

                        <img src={photo}

                            alt={`Photo ${index + 1}`} />

                    </Link>

                ))}

        </div>

    );

};


export default PhotoGallery;
```

styles.css

```css
/* src/styles.css */

body {

    margin: 0;
```

```css
    padding: 0;

    font-family: 'Arial', sans-serif;

    background-image:
url("https://i0.wp.com/photofocus.com/wp-content/uploads/2020/11/LenaSanve
rWinterLandscapeCover.jpg?resize=1280%2C720&ssl=1");

    background-size: cover;

    /* Ensures the background image covers the entire body */

    background-position: center;

    /* Centers the background image */

    background-repeat: no-repeat;

    /* Prevents the background image from repeating */

}


.introduction {

    display: flex;

    justify-content: space-between;

    align-items: center;

    padding: 50px;

}


.text {

    max-width: 500px;

}
```

```css
h1 {

    font-size: 2.5em;

    margin-bottom: 20px;

}


p {

    font-size: 1.2em;

    color: #555;

    margin-bottom: 10px;

}



.explore-button {

    background-color: #faa112;

    color: #fff;

    padding: 10px 20px;

    font-size: 1.2em;

    border: none;

    border-radius: 5px;

    cursor: pointer;

    transition: background-color 0.3s ease-in-out;

}


.explore-button:hover {

    background-color: #cc00ff;
```

```css
}


.about {

    margin: 30px;

    display: flex;

    flex-wrap: wrap;

    flex-direction: column;

    justify-content: space-between;



}



.about h2 {

    font-size: 2em;

    margin-bottom: 10px;

}


.about p {

    font-size: 1.2em;

    color: #555;

    margin-bottom: 10px;

}



.subsc {

    display: flex;
```

```css
    justify-content: space-between;

    margin-top: 20px;

}


.subs {

    flex: 0 1 calc(48% - 10px);

    border: 1px solid #ddd;

    padding: 15px;

    border-radius: 5px;

}


.subs h3 {

    font-size: 1.5em;

    margin-bottom: 10px;

}


.subs-button {

    background-color: #e37dbe;

    color: #fff;

    padding: 8px 15px;

    font-size: 1em;

    border: none;

    border-radius: 5px;

    cursor: pointer;
```

```css
    transition: background-color 0.3s ease-in-out;

}


.photo-gallery {

    display: flex;

    flex-wrap: wrap;

    gap: 20px;

    padding: 20px;

}


.photo-gallery a {

    flex: 0 1 calc(33.33% - 20px);

    border-radius: 10px;

    overflow: hidden;

}


.photo-gallery img {

    display: block;

    width: 100%;

    border-radius: 10px;

    transition: transform 0.3s ease-in-out;

}


.photo-gallery img:hover {
```

```
    transform: scale(1.1);

}



.image img{

    width: 115%;

    height: auto;

}
```

SCREENSHOT