<!DOCTYPE html>

<html>

<head>

<title>Clickable Radio Button</title>

<style>

/\* CSS styling for the radio button \*/

.radio-button {

display: inline-block;

position: relative;

padding-left: 25px;

margin-right: 10px;

cursor: pointer;

user-select: none;

}

.radio-button input {

position: absolute;

opacity: 0;

cursor: pointer;

}

/\* Styling the radio button outer circle \*/

.radio-button .radio-circle {

position: absolute;

top: 0;

left: 0;

height: 18px;

width: 18px;

border-radius: 50%;

background-color: #e0f2ff;

border: 2px solid #b3d8ff;

}

/\* Styling the radio button inner dot \*/

.radio-button .radio-dot {

position: absolute;

top: 5px;

left: 5px;

height: 8px;

width: 8px;

border-radius: 50%;

background-color: #0066ff;

display: none;

}

/\* Styling the radio button label \*/

.radio-button label {

color: #000;

}

/\* Styling the radio button when selected \*/

.radio-button input:checked ~ .radio-circle .radio-dot {

display: block;

}

</style>

</head>

<body>

<h1>Clickable Radio Button Example</h1>

<label class="radio-button">

<input type="radio" id="radio1" name="radios">

<div class="radio-circle">

<div class="radio-dot"></div>

</div>

Option 1

</label>

<script>

// JavaScript code for handling radio button selection

const radioButtons = document.querySelectorAll('.radio-button input');

radioButtons.forEach(function(radioButton) {

radioButton.addEventListener('click', function() {

const circle = this.nextElementSibling.querySelector('.radio-circle');

const dot = circle.querySelector('.radio-dot');

if (this.checked) {

circle.style.backgroundColor = '#e0f2ff';

circle.style.borderColor = '#b3d8ff';

dot.style.display = 'block';

} else {

circle.style.backgroundColor = 'transparent';

circle.style.borderColor = '#b3d8ff';

dot.style.display = 'none';

}

});

});

</script>

</body>

</html>

------------------------REACT

import React, { useState } from 'react';

import './ClickableRadioButton.css';

const ClickableRadioButton = ({ id, name, label }) => {

const [isChecked, setIsChecked] = useState(false);

const handleRadioChange = () => {

setIsChecked(!isChecked);

};

return (

<label className="radio-button">

<input type="radio" id={id} name={name} checked={isChecked} onChange={handleRadioChange} />

<div className="radio-circle">

{isChecked && <div className="radio-dot"></div>}

</div>

{label}

</label>

);

};

export default ClickableRadioButton;

To use this React component, create a new file (e.g., ClickableRadioButton.js) and place the code there. Make sure to have a corresponding CSS file (ClickableRadioButton.css) for the styles used in the component. Then, you can import and use the ClickableRadioButton component in your React application like this:

import React from 'react';

import ClickableRadioButton from './ClickableRadioButton';

const App = () => {

return (

<div>

<h1>Clickable Radio Button Example</h1>

<ClickableRadioButton id="radio1" name="radios" label="Option 1" />

</div>

);

};

export default App;

Please ensure to have the CSS styles from the original HTML in the ClickableRadioButton.css file or modify them as per your requirements.