**AIM: Frontend: Using ReactJS, integrate video player like a youtube clone**

**CODE:**

import React, { useState } from 'react';

import './App.css';

import VideoPlayer from './components/VideoPlayer';

import VideoList from './components/VideoList';

function App() {

  const [selectedVideo, setSelectedVideo] = useState({

    id: 1,

    title: 'Sample Video 1',

    url: 'https://www.learningcontainer.com/wp-content/uploads/2020/05/sample-mp4-file.mp4',

    channel: 'Test Channel'

  });

  const videos = [ {

      id: 1,

      title: 'Sample Video 1',

      url: 'https://www.learningcontainer.com/wp-content/uploads/2020/05/sample-mp4-file.mp4',

      thumbnail: 'https://via.placeholder.com/320x180',

      channel: 'Test Channel',

      views: '1.2K views'},{ //other links);}

export default App;

import React from 'react';

function VideoPlayer({ video }) {

  return (

    <div className="video-player">

      <div className="video-container">

        <video

          src={video.url}

          controls

          width="100%"

          poster="https://via.placeholder.com/640x360"

        ></video>

      </div>

      <div className="video-info">

        <h2>{video.title}</h2>

        <p>{video.channel}</p>

      </div> </div> );}

export default VideoPlayer;

import React from 'react';

import VideoItem from './VideoItem';

function VideoList({ videos, onVideoSelect }) {

  return (

    <div className="video-list">

      <h3>Recommended Videos</h3>

      {videos.map(video => (

        <VideoItem

          key={video.id}

          video={video}

          onVideoSelect={onVideoSelect}

        /> ))}

    </div> );}

export default VideoList;

import React from 'react';

function VideoItem({ video, onVideoSelect }) {

  return (

    <div

      className="video-item"

      onClick={() => onVideoSelect(video)} >

      <img

        src={video.thumbnail}

        alt={video.title}

        className="thumbnail" />

      <div className="video-item-info">

        <h4>{video.title}</h4>

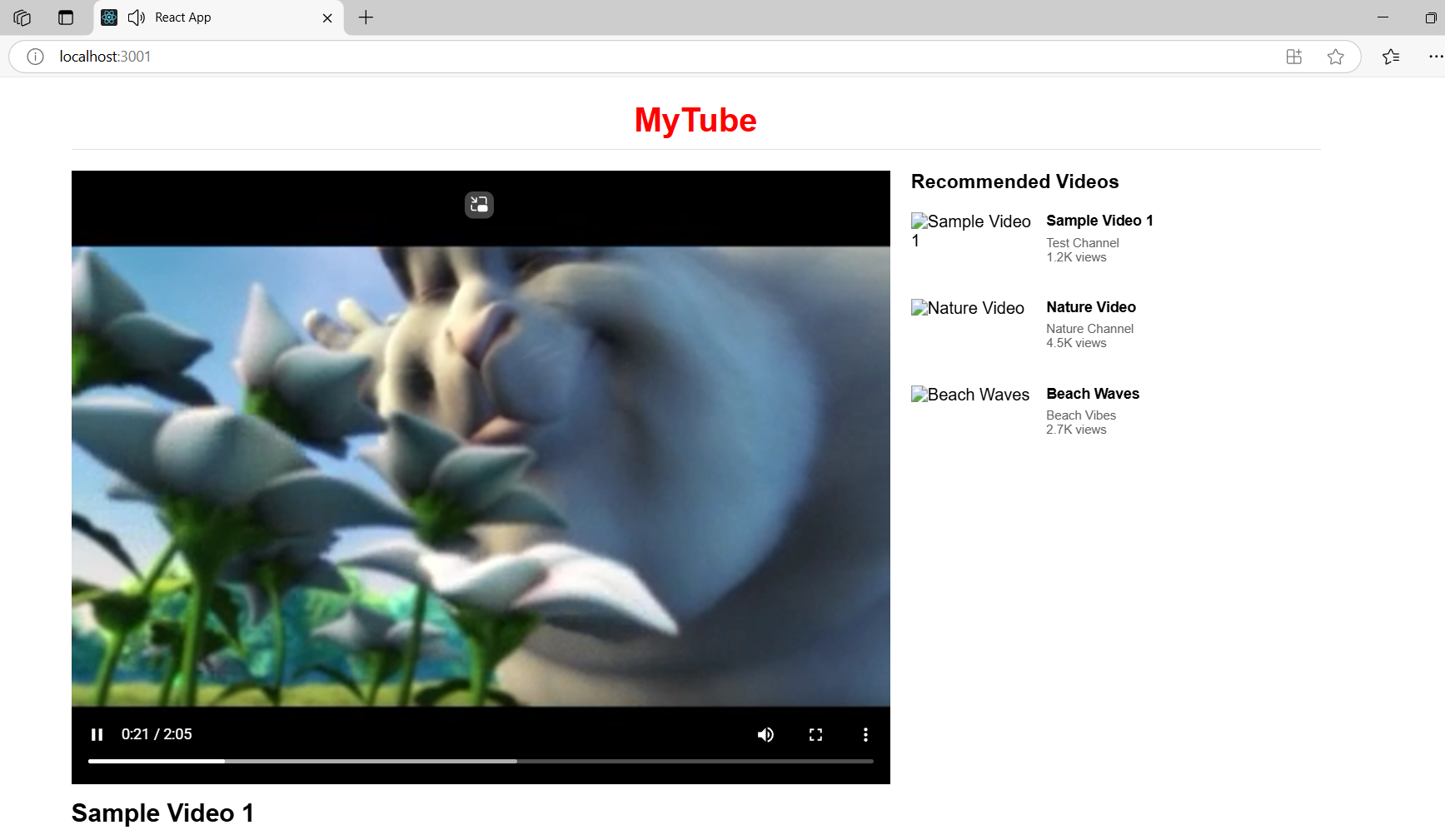
        <p>{video.channel}</p>

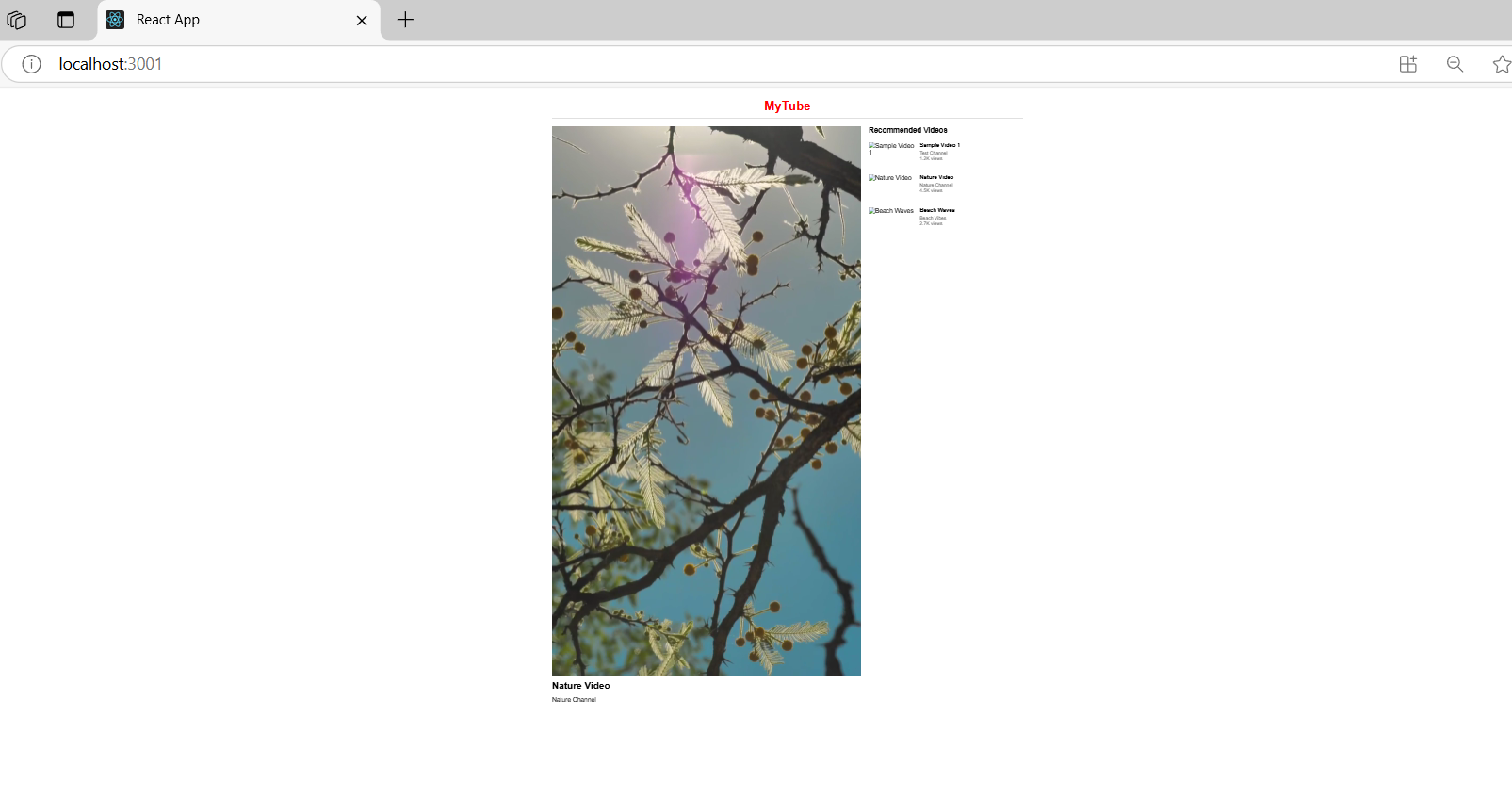
        <p>{video.views}</p>

      </div>  </div> );}

export default VideoItem;

**OUTPUT:**

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