

WEEK 5: MINI PROJECT

React Blog Portal

PostContent.js

```
import React from 'react';
const PostContent = ({ content, quotes }) => {
  const randomQuote = quotes[Math.floor(Math.random() * quotes.length)];
  return (
    <div>
      <p>{randomQuote}</p>
      <p>{content}</p>
    </div>
  );
};
export default PostContent;
```

PostAuthor.js

```
//PostAuthor
import React from 'react';
const PostAuthor = ({ author }) => {
  return <p>By {author}</p>;
};
export default PostAuthor;
```

Bloglist.js

```
import React from 'react';
import PostTitle from './PostTitle';
const BlogList = ({ posts, onTitleClick }) => {
  return (
    <div>
      <h1>Blog Posts</h1>
      {posts.map((post, index) => (
        <PostTitle key={index} title={post.title} onClick={() =>
          onTitleClick(index)} />
      ))}
    </div>
  );
};
```

```
);  
};  
export default BlogList;
```

App.js

```
import React, { useState } from 'react';  
import BlogList from './component/BlogList';  
import PostContent from './component/PostContent';  
import PostAuthor from './component/PostAuthor';  
const quotes = [  
  'You can do anything but not everything.',  
  // Add more quotes as needed  
];  
const postsData = [  
  {  
  
    title: 'Post 1',  
    content: 'And by the way, everything in life is writable about if you have the  
    outgoing guts to do it, and the imagination to improvise. The worst enemy to  
    creativity is self-doubt.',  
    author: ' Sylvia Plat',  
  },  
  {  
    title: 'Post 2',  
    content: 'Ignore all hatred and criticism. Live for what you create, and die  
    protecting it.',  
    author: 'Lady Gaga ',  
  },  
  {  
    title: 'Post 3',  
    content: 'I can shake off everything as I write; my sorrows disappear, my  
    courage is reborn.',  
    author: 'Anne Frank',  
  },  
  // Add more posts as needed  
];  
const App = () => {  
  const [selectedPost, setSelectedPost] = useState(null);  
  const handleTitleClick = (index) => {  
    setSelectedPost(postsData[index]);  
  };  
  return (  
    <div className="App">  
      <BlogList posts={postsData} onTitleClick={handleTitleClick} />  
      {selectedPost && (  

```

```
<div>
  <h2>{selectedPost.title}</h2>
  <PostAuthor author={selectedPost.author} />
  <PostContent content={selectedPost.content} quotes={quotes} />
</div>
)}
</div>
);
};
export default App;
```

Output:

Blog Posts

Post 1

Post 2

Post 3

Blog Posts

Post 1

Post 2

Post 3

Post 1

By Sylvia Plat

You can do anything but not everything.

And by the way, everything in life is writable about if you have the outgoing guts to do it, and the imagination to improvise. The worst enemy to creativity is self-doubt.

Blog Posts

Post 1

Post 2

Post 3

Post 2

By Lady Gaga

You can do anything but not everything.

Ignore all hatred and criticism. Live for what you create, and die protecting it.

Blog Posts

Post 1

Post 2

Post 3

Post 3

By Anne Frank

You can do anything but not everything.

I can shake off everything as I write; my sorrows disappear, my courage is reborn.