

MERN STACK

MINIPROJECT-5

//App.js

```
import React, { useState } from 'react';
import BlogList from './cmpt/BlogList';
import PostContent from './cmpt/PostContent';
import PostAuthor from './cmpt/PostAuthor';
const quotes = [
  'You can do anything but not everything.',
  // Add more quotes as needed
];
const postsData = [
{
  title: 'Post 1',
  content: 'It is never too late to be what you might have been.',
  author: ' George Eliot',
},
{
  title: 'Post 2',
  content: 'To be yourself in a world that is constantly trying to make you
something else is the greatest accomplishment.',
  author: 'Ralph Waldo Emerson',
},
{
  title: 'Post 3',
  content: 'Appreciation is a wonderful thing. It makes what is excellent in
others belong to us as well.',
  author: ' Voltaire',
},
// 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} />
        </div>
      )}
    </div>
  );
};
```

```

    <PostContent content={selectedPost.content} quotes={quotes} />
  </div>
  )}
</div>
);
};
export default App

```

//BlogList

```

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;

```

//PostContent

```

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;

```

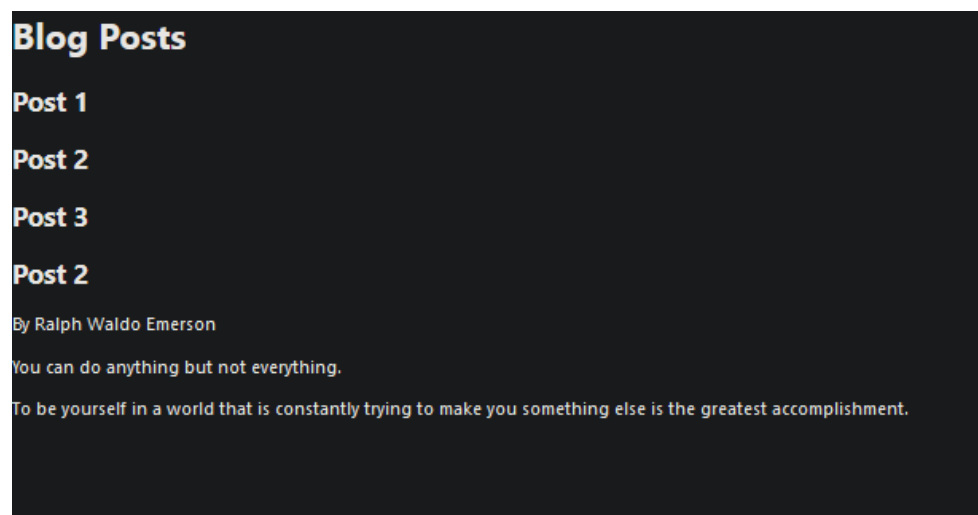
//PostAuthor

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

//PostTitle

```
import React from 'react';
const PostTitle = ({ title, onClick }) => {
  return <h2 onClick={onClick}>{title}</h2>;
};
export default PostTitle;
```

OUTPUT:



Blog Posts

Post 1

Post 2

Post 3

Post 3

By Voltaire

You can do anything but not everything.

Appreciation is a wonderful thing. It makes what is excellent in others belong to us as well.