

MINIPROJECT-5

React Blog Portal:

//PostTitle

```
import React from 'react';

const PostTitle = ({ title, onClick }) => {
  return <h2 onClick={onClick}>{title}</h2>;
};

export default PostTitle;
```

//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;
```

//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;

```

//App.js

```

import React, { useState } from 'react';
import BlogList from './components/BlogList';
import PostContent from './components/PostContent';
import PostAuthor from './components/PostAuthor';

const quotes = [
  'A dream becomes a goal when action is taken toward its achievement.',
  'Optimism is essential to achievement and it is also the foundation of
courage and true progress.',
];

const postsData = [
  {
    title: 'Post 1',
    content: 'It says here that it is essential for achievement: how will
you attain your goal if from the start you do not believe that it will
succeed.',
    author: ' Nicholas M. Butler',
  },
  {
    title: 'Post 2',

```

```

        content: 'A dream becomes a goal when action is taken toward its
achievement. It is common for people to dream. We dream of everything from
the dream job to the vacation house',
        author: ' Thomas',
    },
];

const App = () => {
    const [selectedPost, setSelectedPost] = useState(null);

    const handleClick = (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 1

By Nicholas M. Butler

Optimism is essential to achievement and it is also the foundation of courage and true progress.

It says here that it is essential for achievement: how will you attain your goal if from the start you do not believe that it will succeed.

Blog Posts

Post 1

Post 2

Post 2

By Thomas

A dream becomes a goal when action is taken toward its achievement.

A dream becomes a goal when action is taken toward its achievement. It is common for people to dream. We dream of everything from the dream job to the vacation house