13. bloggerapp

Objectives

- **Explain various ways of conditional rendering**
- **Explain how to render multiple components**
- **Define list component**
- **Explain about keys in React applications**
- **Explain how to extract components with keys**
- **Explain React Map, map() function**

In this hands-on lab, you will learn how to:

- **Implement conditional rendering in React applications**

Prerequisites

The following is required to complete this hands-on lab:

- **Node.js**
- **NPM**
- **Visual Studio Code**

Notes

Estimated time to complete this lab: 60 minutes.

Create a React App named “bloggerapp” in with 3 components.

1. **Book Details**
2. **Blog Details**
3. **Course Details**

Implement this with as many ways possible of Conditional Rendering.

CODE:

App.js

```
import React from 'react';
import CourseDetails from './components/CourseDetails';
import BookDetails from './components/BookDetails';
import BlogDetails from './components/BlogDetails';
import './App.css';

function App() {
  return (
    <div className="container">
      <CourseDetails />
      <BookDetails />
      <BlogDetails />
```

```
    </div>
  );
}

export default App;
```

App.css

```
.container {
  display: flex;
  justify-content: space-around;
  margin: 30px;
  font-family: Arial, sans-serif;
}

.section {
  width: 30%;
  border-left: 5px solid green;
  padding-left: 15px;
}

h2 {
  font-weight: bold;
  margin-bottom: 10px;
}
```

```
h3 {
  margin: 5px 0;
}

p, strong {
  margin: 2px 0;
}
```

CourseDeatils.js

```
import React from 'react';

const courses = [
  { name: 'Angular', date: '4/5/2021' },
  { name: 'React', date: '6/3/20201' } // Typo from your image kept as is
];

function CourseDetails() {
  return (
    <div className="section">
      <h2>Course Details</h2>
      {courses.map((course, index) => (
        <div key={index}>
          <h3>{course.name}</h3>
          <p>{course.date}</p>
        </div>
```

```
      ))}
    </div>
  );
}

export default CourseDetails;
```

BookDetails.js

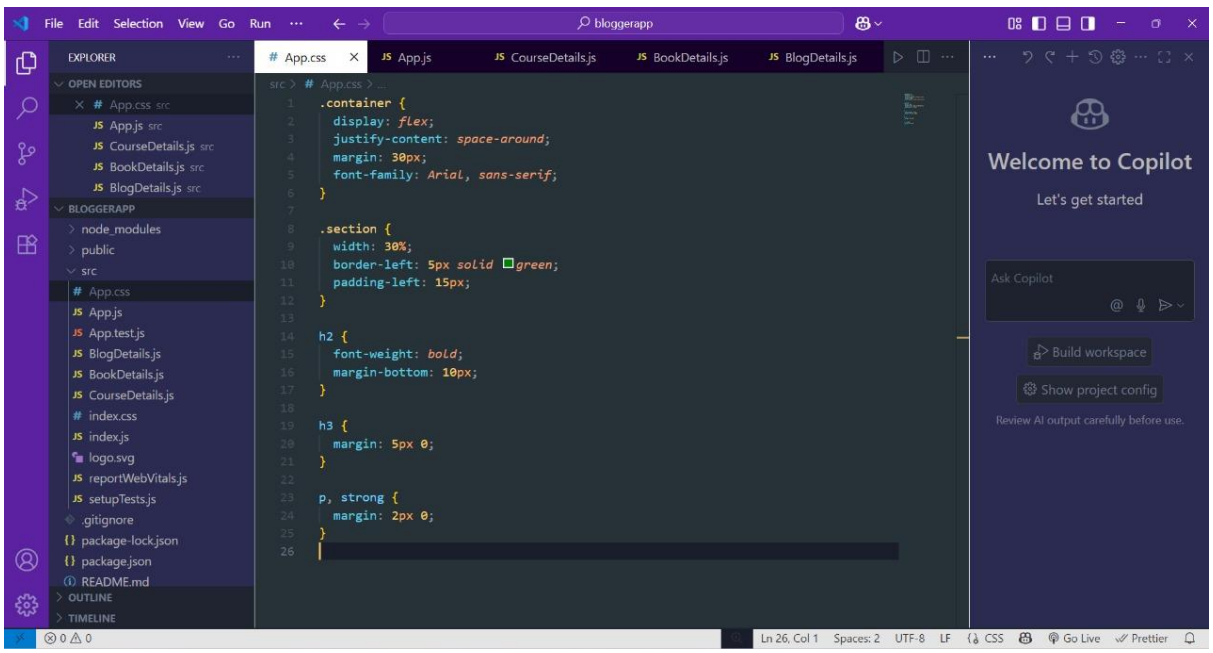
```
import React from 'react';

const books = [
  { title: 'Master React', price: 670 },
  { title: 'Deep Dive into Angular 11', price: 800 },
  { title: 'Mongo Essentials', price: 450 }
];

function BookDetails() {
  return (
    <div className="section">
      <h2>Book Details</h2>
      {books.map((book, index) => (
        <div key={index}>
          <h3>{book.title}</h3>
          <p>{book.price}</p>
        </div>
```

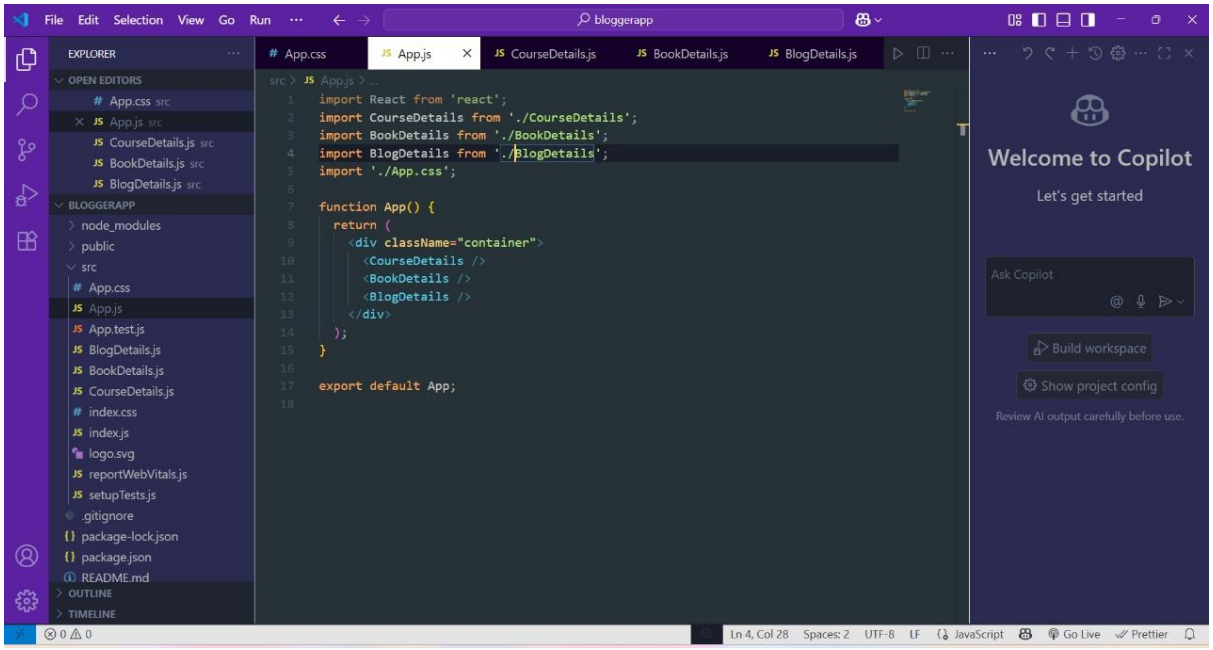
```
      ))}
    </div>
  );
}

export default BookDetails;
```

BlogDetails.js

```
import React from 'react';

const blogs = [
  {
    title: 'React Learning',
    author: 'Stephen Biz',
    content: 'Welcome to learning React!'
  },
  {
    title: 'Installation',
    author: 'Schewzdenier',
    content: 'You can install React from npm.'
  }
];

function BlogDetails() {
  return (
```

```
    <div className="section">
      <h2>Blog Details</h2>
      {blogs.map((blog, index) => (
        <div key={index}>
          <h3>{blog.title}</h3>
          <strong>{blog.author}</strong>
          <p>{blog.content}</p>
        </div>
      ))}
    </div>
  );
}

export default BlogDetails;
```




File Edit Selection View Go Run
bloggerapp
EXPLORER
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App.css src
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BookDetails.js src
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BLOGGERAPP
node_modules
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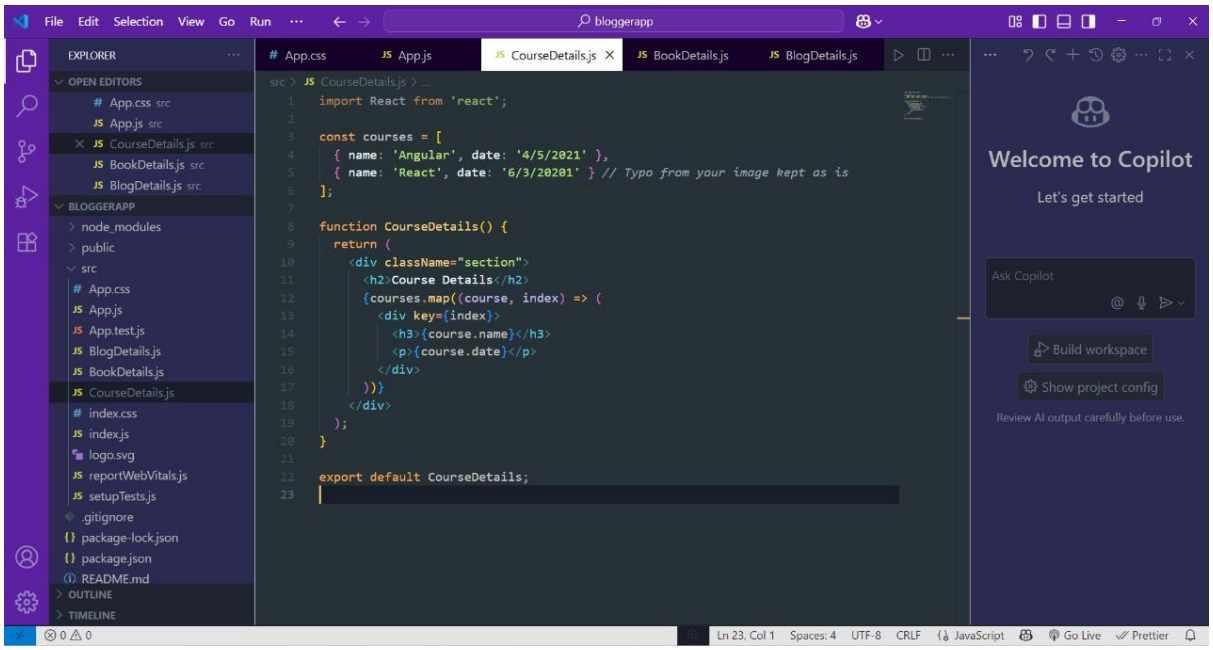
Welcome to Copilot
Let's get started
Ask Copilot
Build workspace
Show project config
Review AI output carefully before use.
Ln 4, Col 28
Spaces: 2
UTF-8
LF
JavaScript
Go Live
Prettier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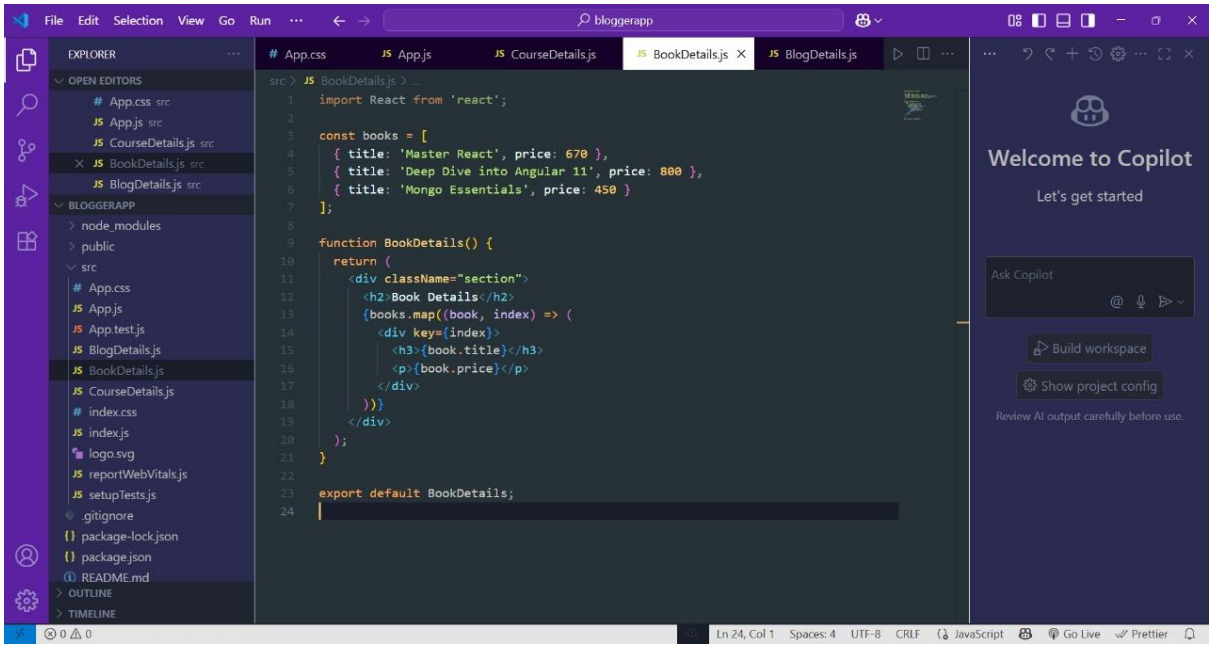
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{book.price}

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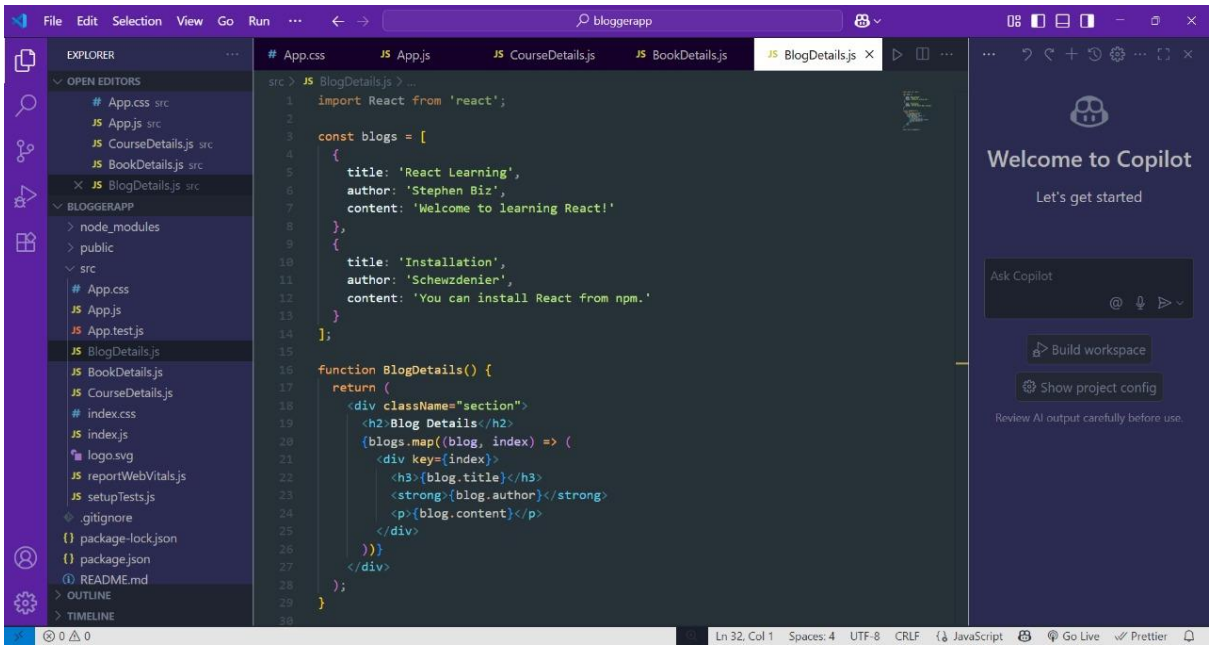
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title: 'React Learning',
author: 'Stephen Biz',
content: 'Welcome to learning React!'
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title: 'Installation',
author: 'Schewzdenier',
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{blogs.map((blog, index) => (

<h3>{blog.title}</h3>
{blog.author}
{blog.content}

))}

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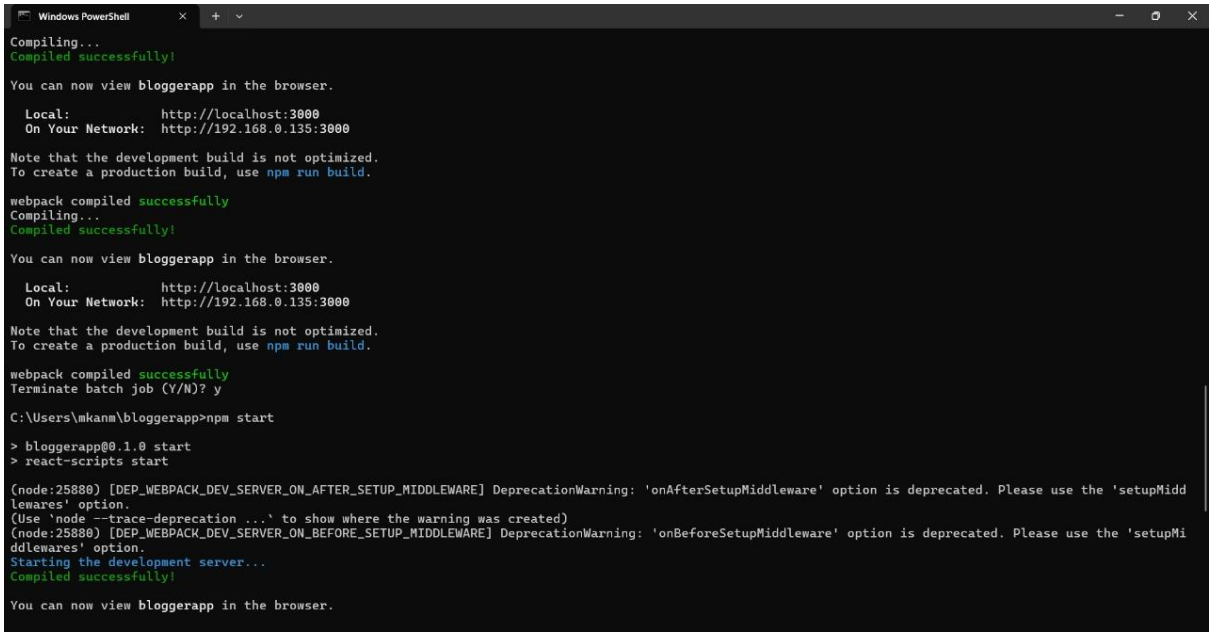
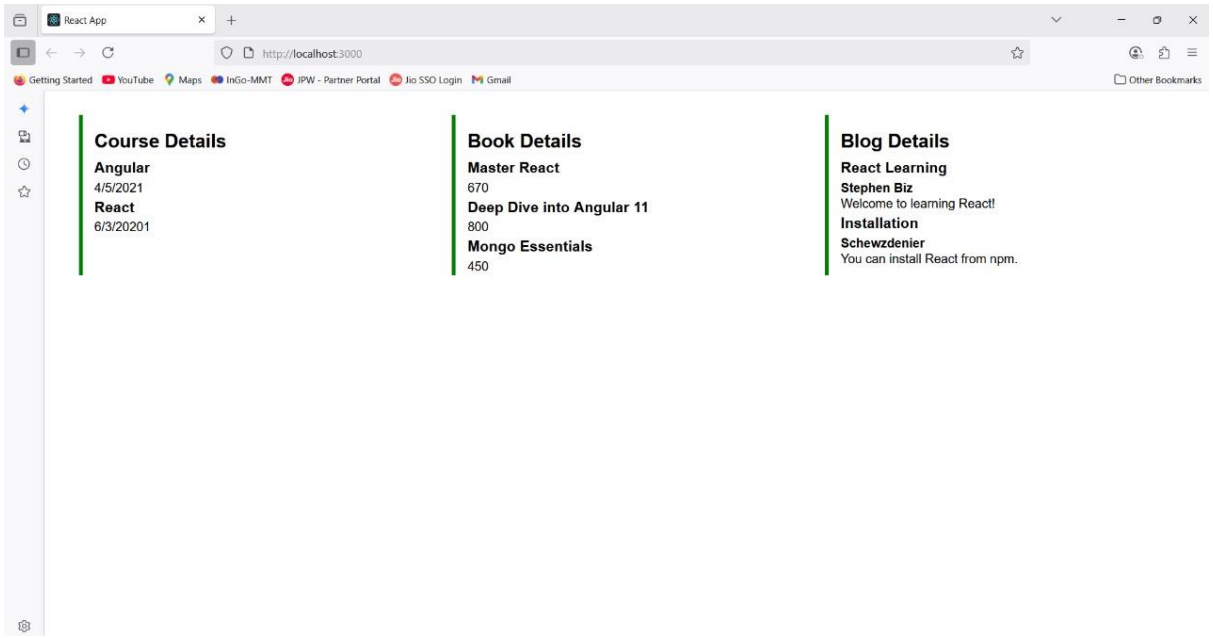


OUTPUT:



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