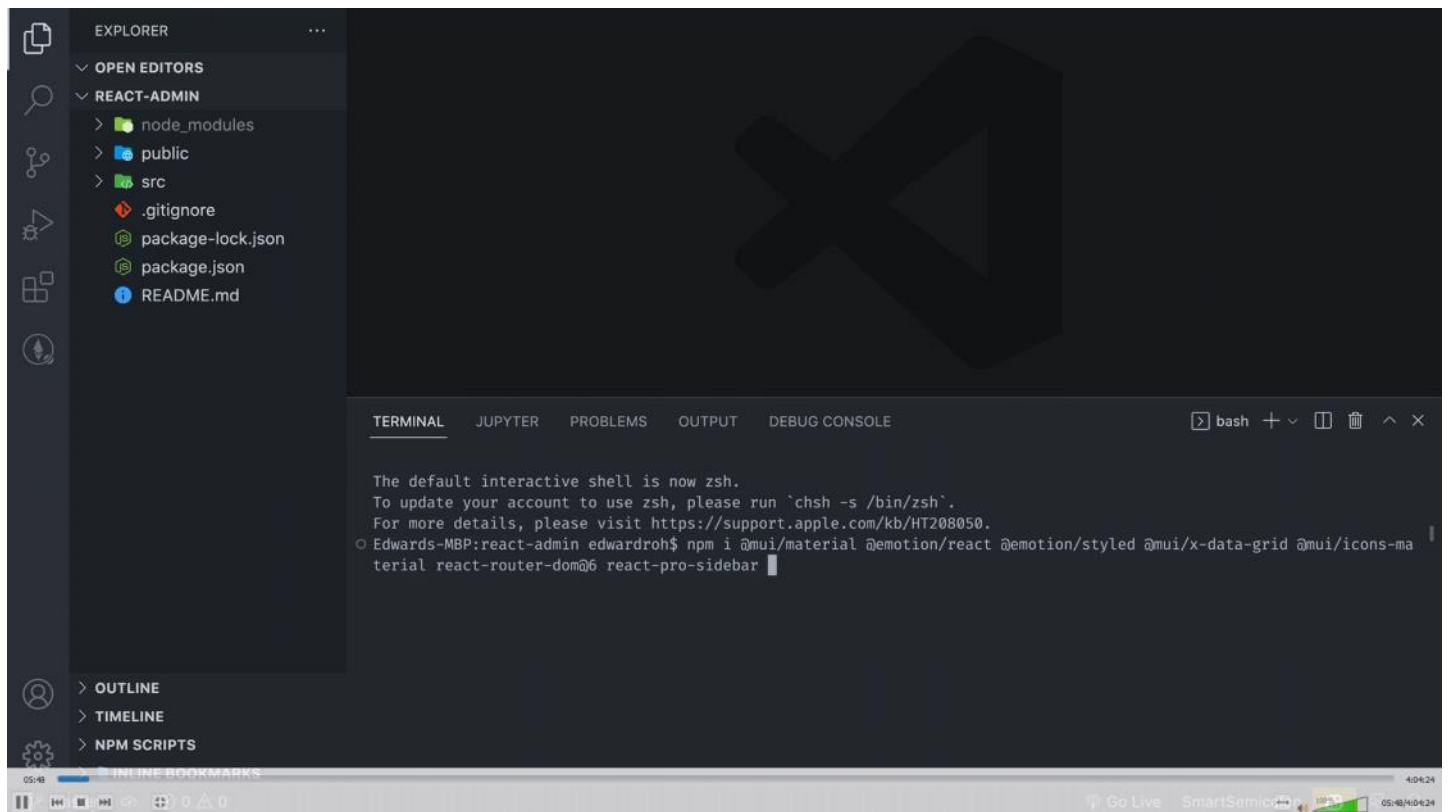
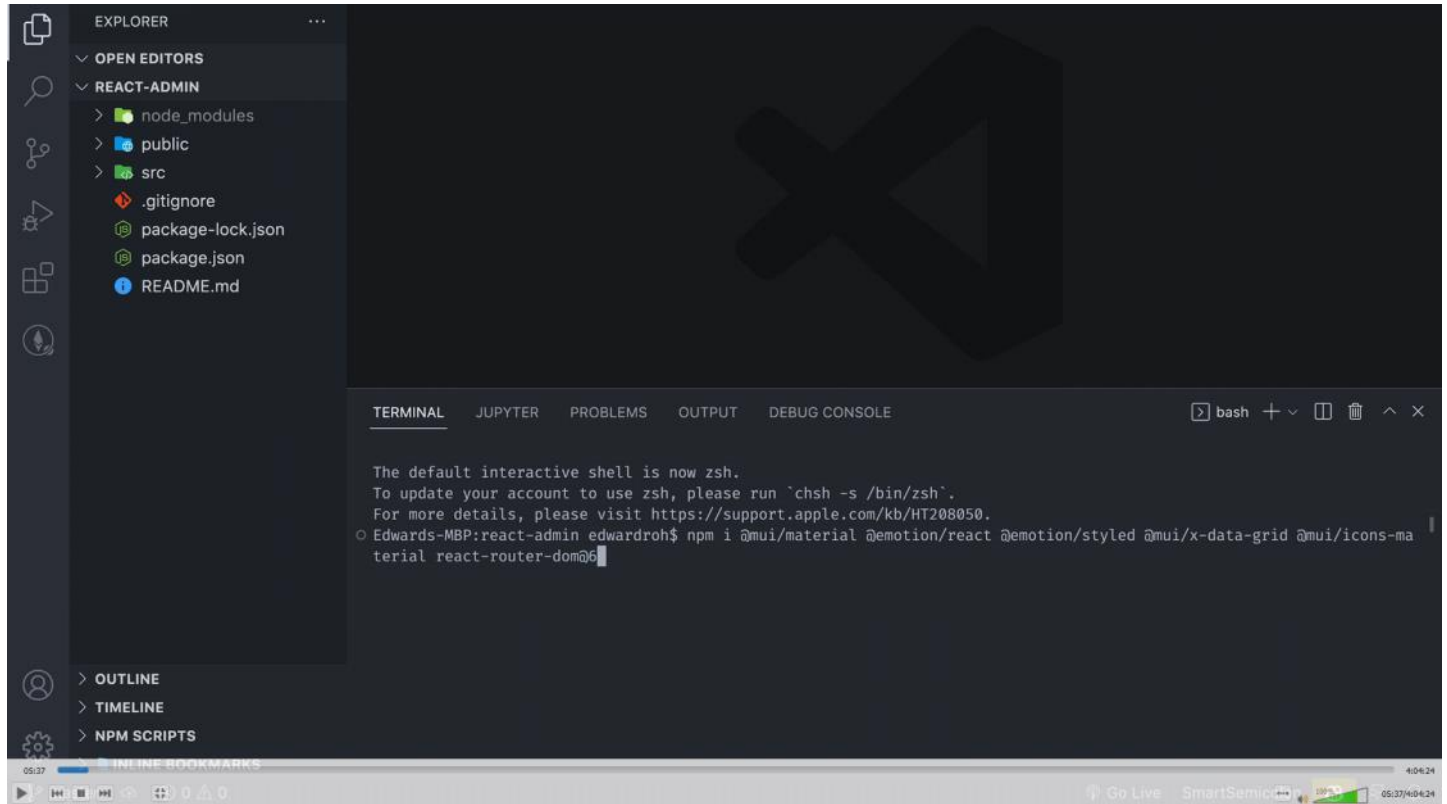
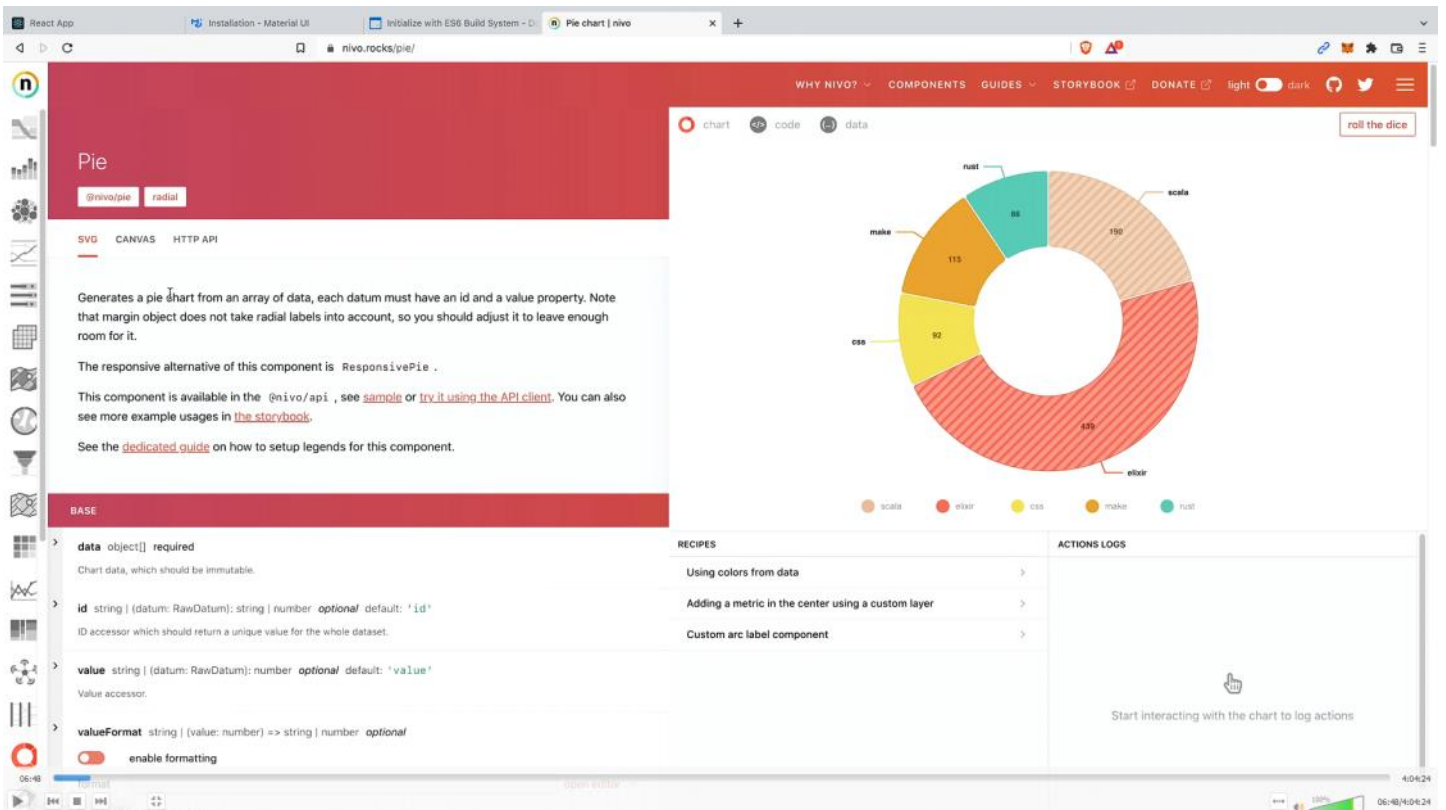
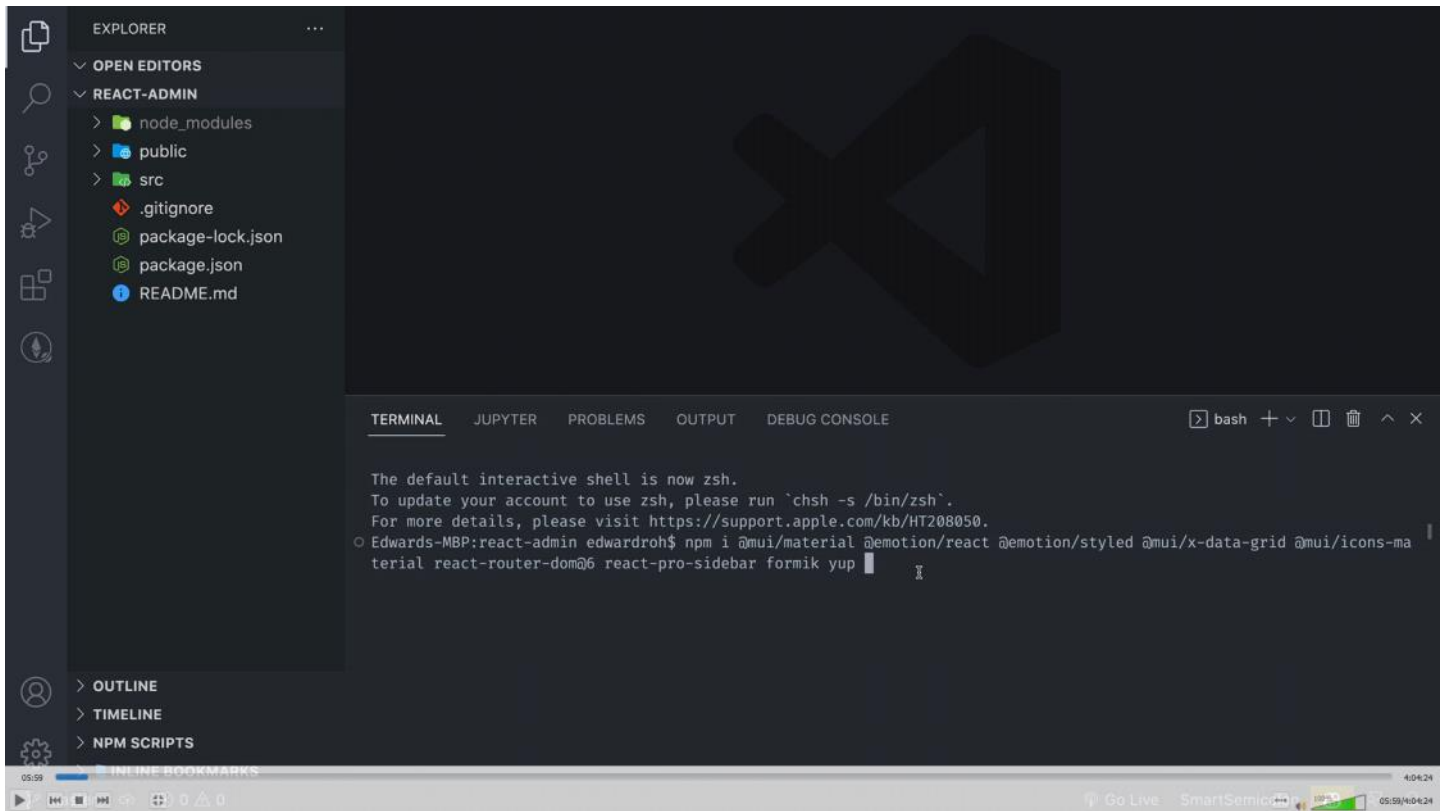
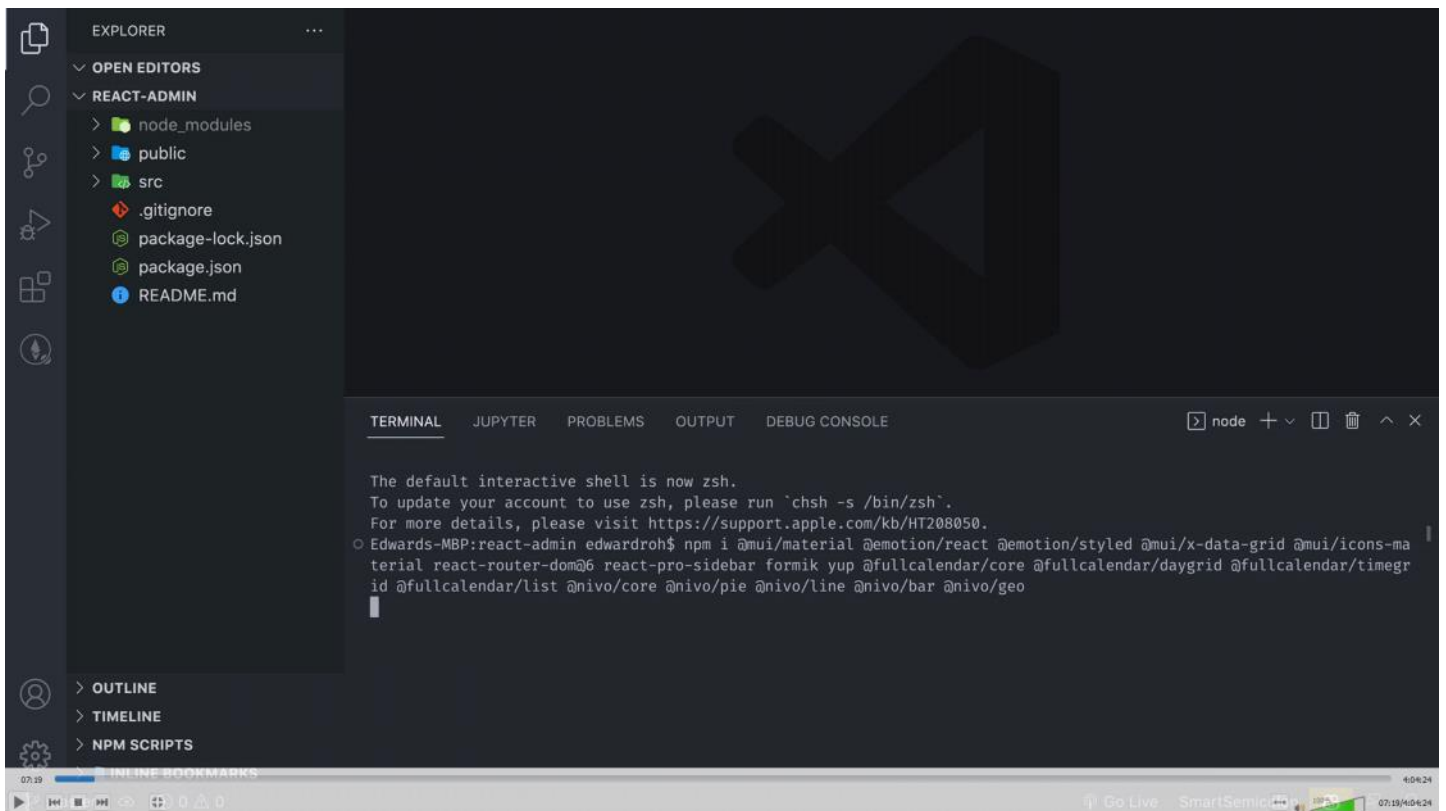


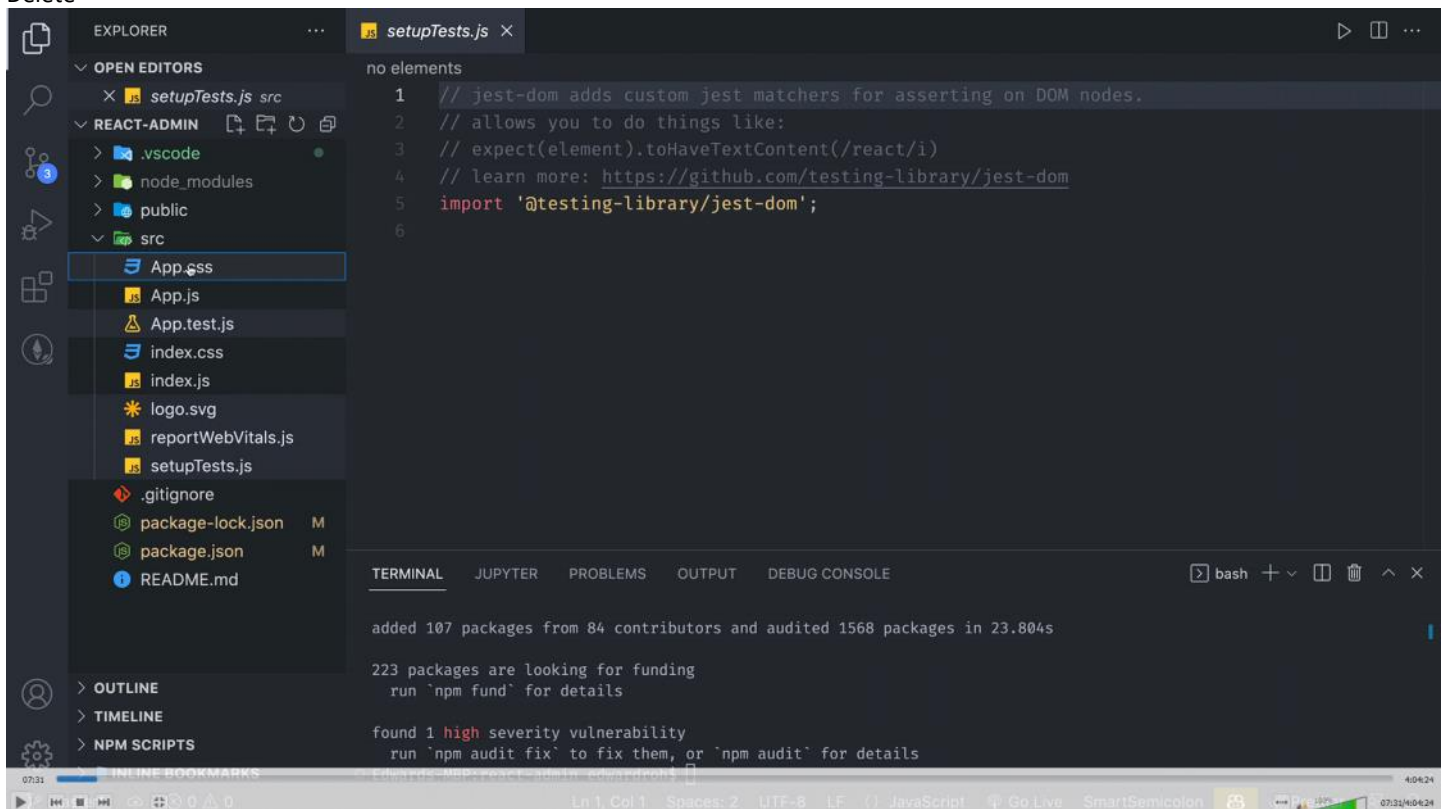
## NPX create react-app







## Delete



This screenshot shows the VS Code editor with the `index.js` file open. The Explorer sidebar on the left shows the project structure for `REACT-ADMIN`, including `.vscode`, `node_modules`, `public`, and `src`. The `src` folder contains `App.js`, `index.css`, and `index.js`. The `index.js` file in the editor contains the following code:

```
1 import React from 'react';
2 import ReactDOM from 'react-dom/client';
3 import './index.css';
4 import App from './App';
5
6 const root = ReactDOM.createRoot(document.getElementById('root'));
7 root.render(
8   <React.StrictMode>
9     <App />
10  </React.StrictMode>
11 );
12
```

The Terminal at the bottom shows the output of an npm command:

```
added 107 packages from 84 contributors and audited 1568 packages in 23.804s
223 packages are looking for funding
  run `npm fund` for details
found 1 high severity vulnerability
  run `npm audit fix` to fix them, or `npm audit` for details
```

This screenshot shows the VS Code editor with the `App.js` file open. The Explorer sidebar on the left shows the project structure for `REACT-ADMIN`, including `.vscode`, `node_modules`, `public`, and `src`. The `src` folder contains `App.js`, `index.css`, and `index.js`. The `App.js` file in the editor contains the following code:

```
1 function App() {
2   return <div className="app"></div>;
3 }
4
5 export default App;
6
```

The Terminal at the bottom shows the output of an npm command:

```
added 107 packages from 84 contributors and audited 1568 packages in 23.804s
223 packages are looking for funding
  run `npm fund` for details
found 1 high severity vulnerability
  run `npm audit fix` to fix them, or `npm audit` for details
```

This screenshot shows the VS Code editor interface. The Explorer sidebar on the left displays the project structure for 'REACT-ADMIN', including files like .vscode, node\_modules, public, src, App.js, index.css, index.js, .gitignore, package-lock.json, package.json, and README.md. The main editor window shows the 'index.js' file with the following code:

```
1 import React from "react";
2 import ReactDOM from "react-dom/client";
3 import "./index.css";
4 import App from "./App";
5 import { BrowserRouter } from "react-router-dom";
6
7 const root = ReactDOM.createRoot(document.getElementById("root"));
8 root.render(
9   <React.StrictMode>
10     <App />
11   </React.StrictMode>
12 );
```

The code has a syntax error on line 10: the closing tag for <App> is <App />, which is missing a closing slash. The status bar at the bottom indicates 'Ln 5, Col 23'.

The terminal at the bottom shows the output of an npm audit:

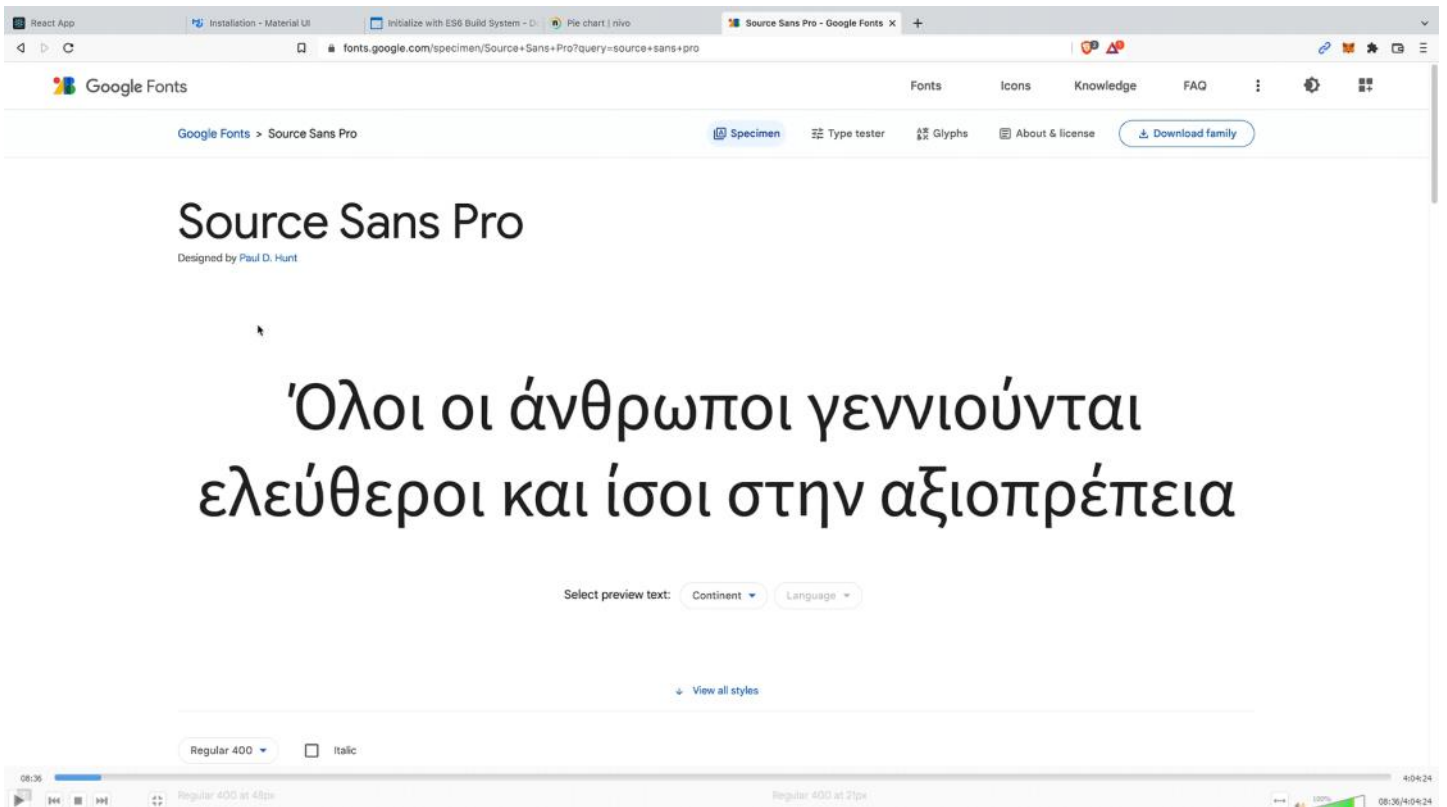
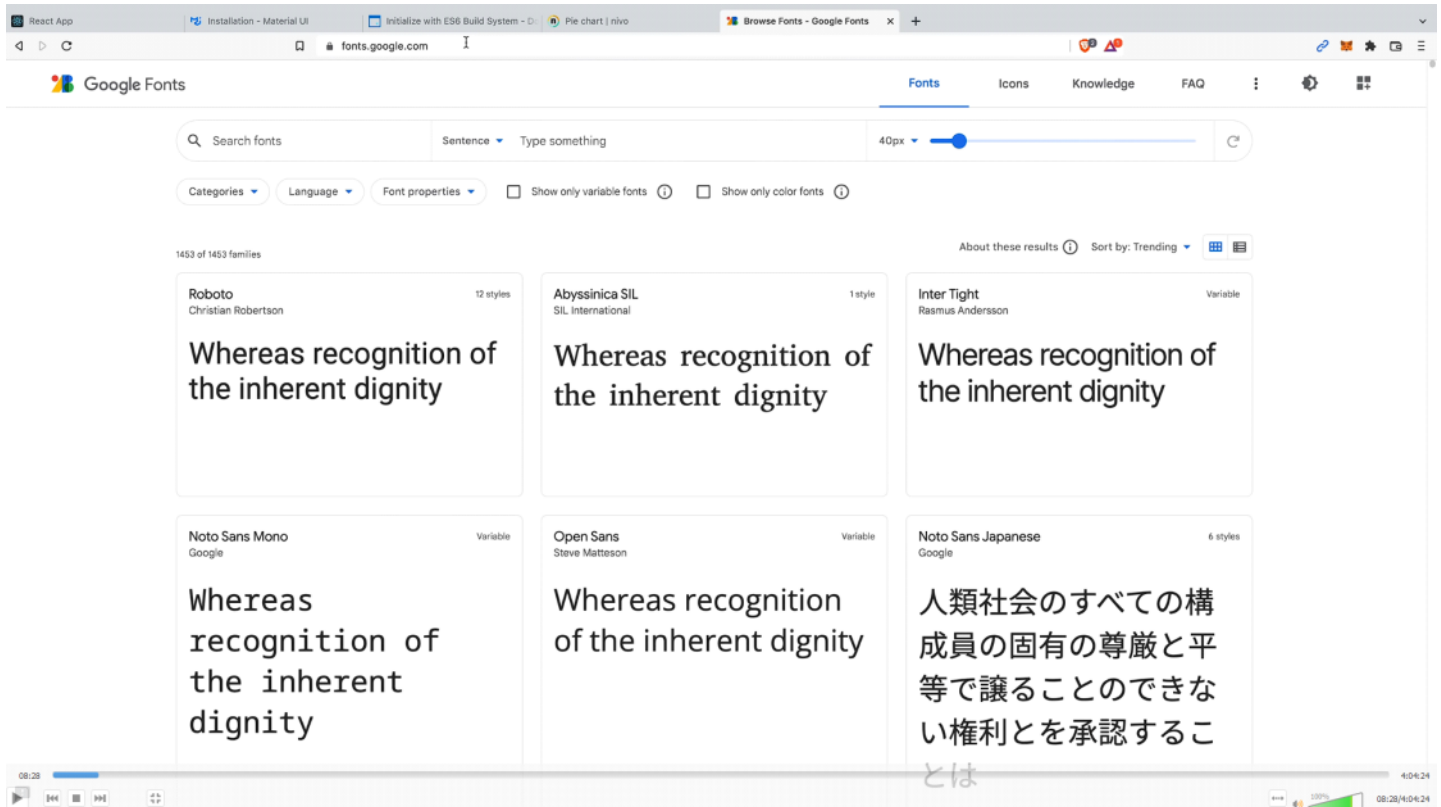
```
added 107 packages from 84 contributors and audited 1568 packages in 23.804s
223 packages are looking for funding
  run `npm fund` for details
found 1 high severity vulnerability
  run `npm audit fix` to fix them, or `npm audit` for details
```

This screenshot shows the same VS Code editor interface as the first, but with the code in 'index.js' corrected. The JSX tags are now properly closed:

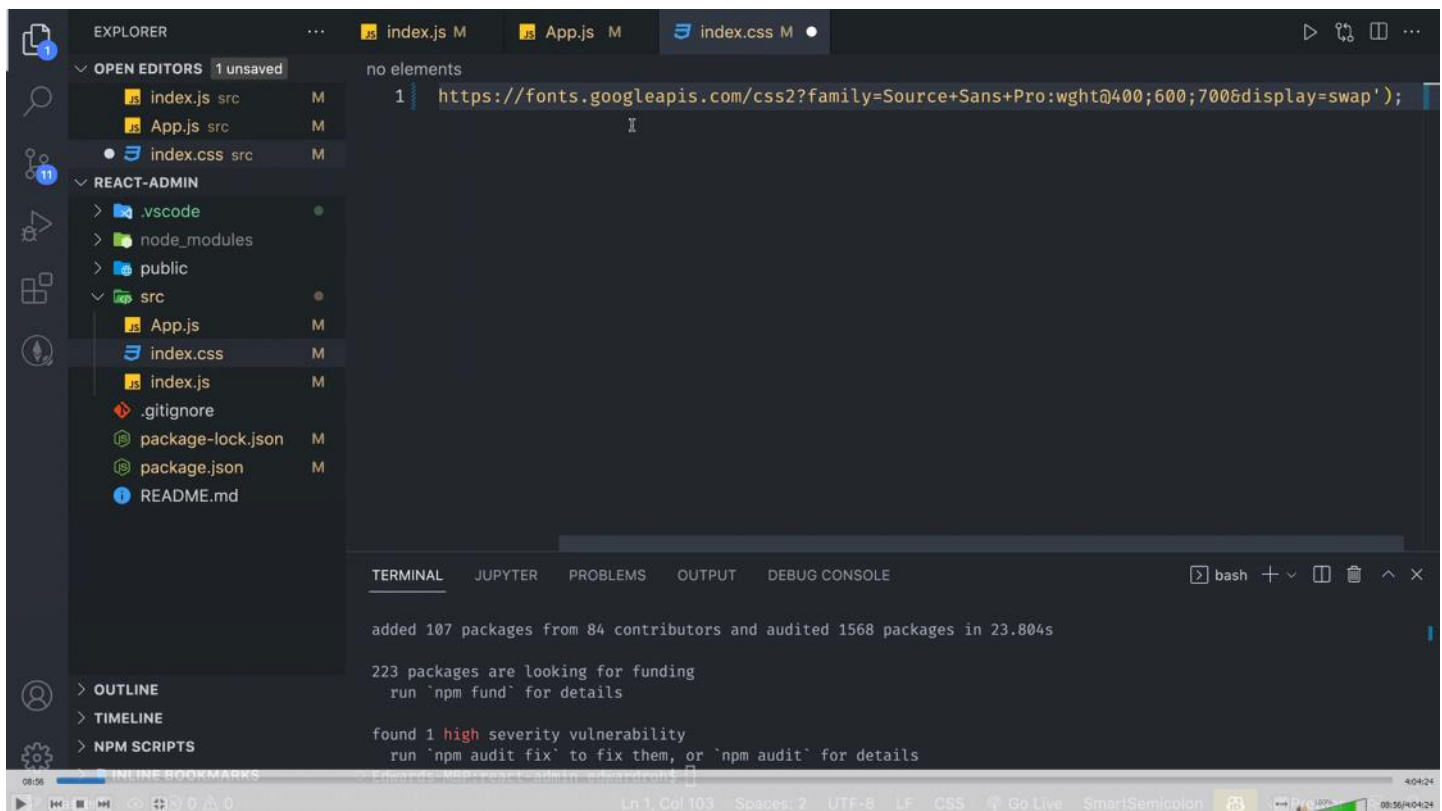
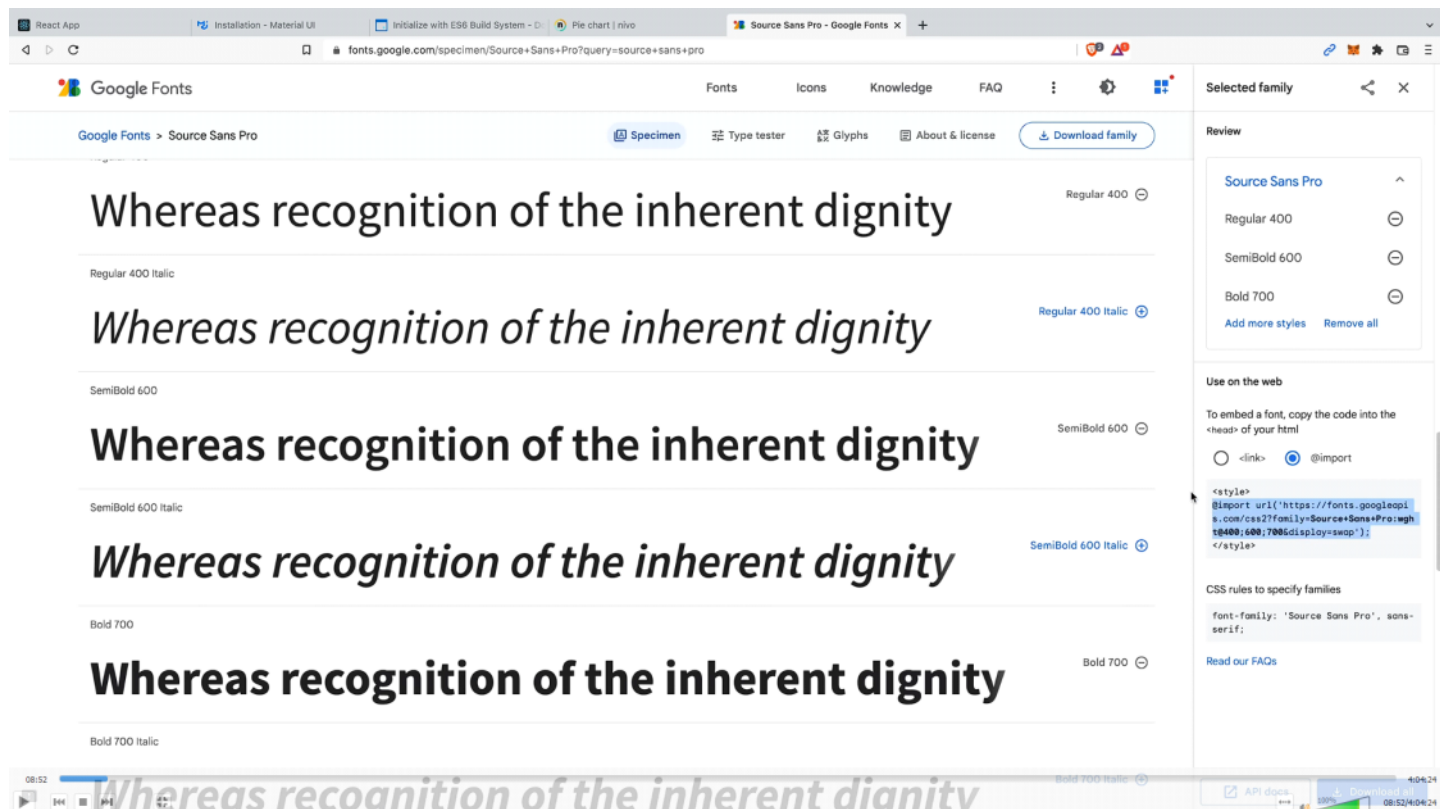
```
1 import React from "react";
2 import ReactDOM from "react-dom/client";
3 import "./index.css";
4 import App from "./App";
5 import { BrowserRouter } from "react-router-dom";
6
7 const root = ReactDOM.createRoot(document.getElementById("root"));
8 root.render(
9   <React.StrictMode>
10     <BrowserRouter>
11       <App />
12     </BrowserRouter>
13   </React.StrictMode>
14 );
```

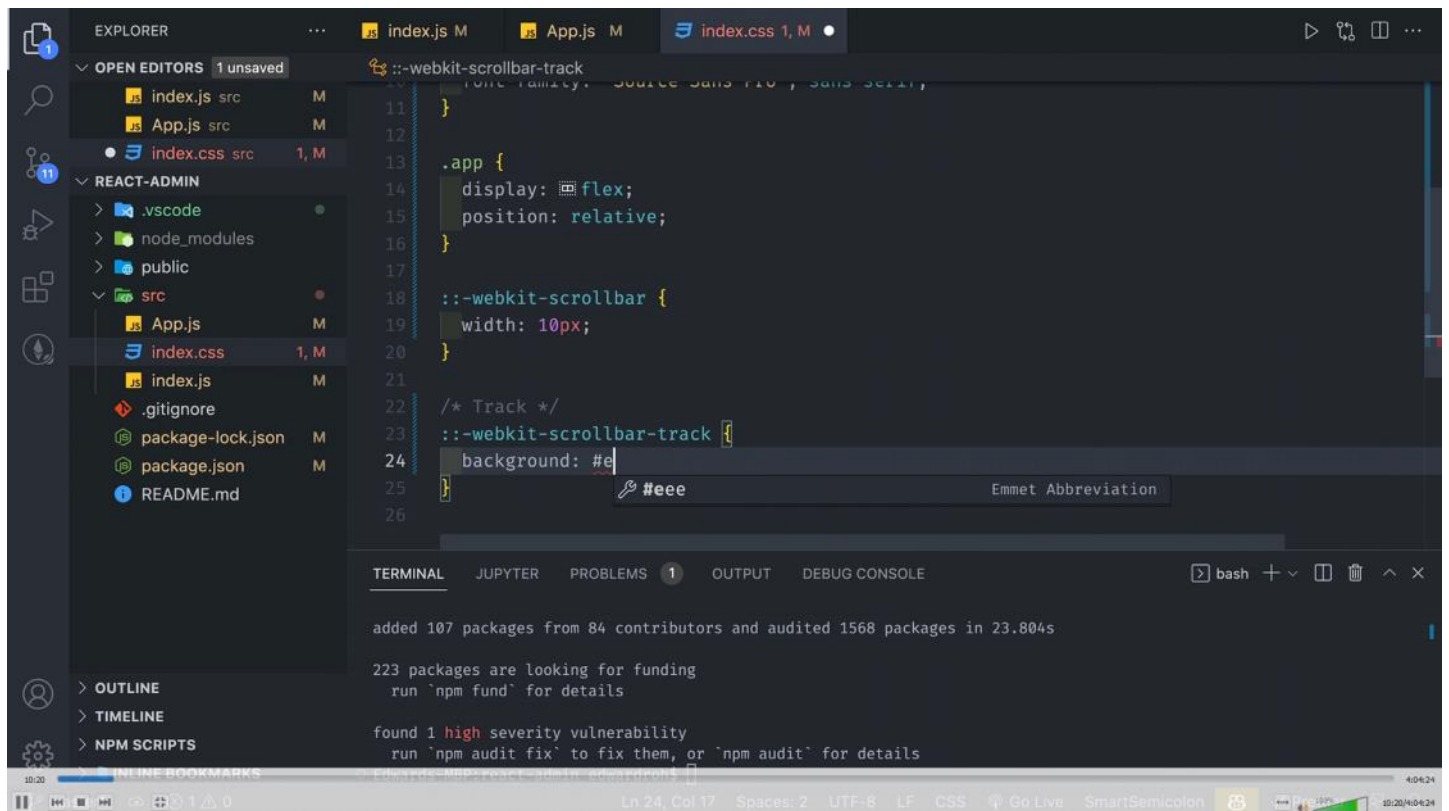
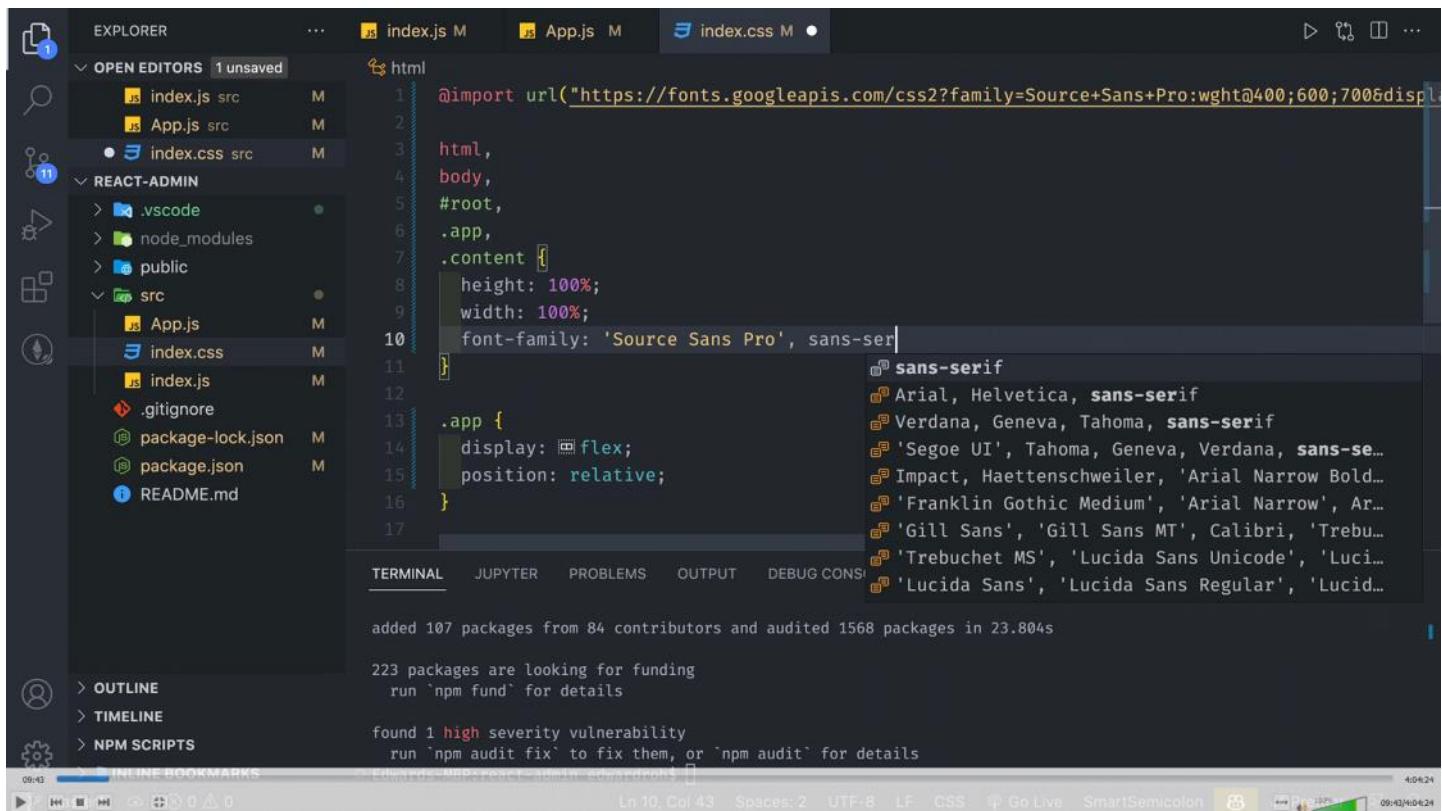
The status bar at the bottom indicates 'Ln 12, Col 21'. The terminal output remains the same as in the first screenshot.



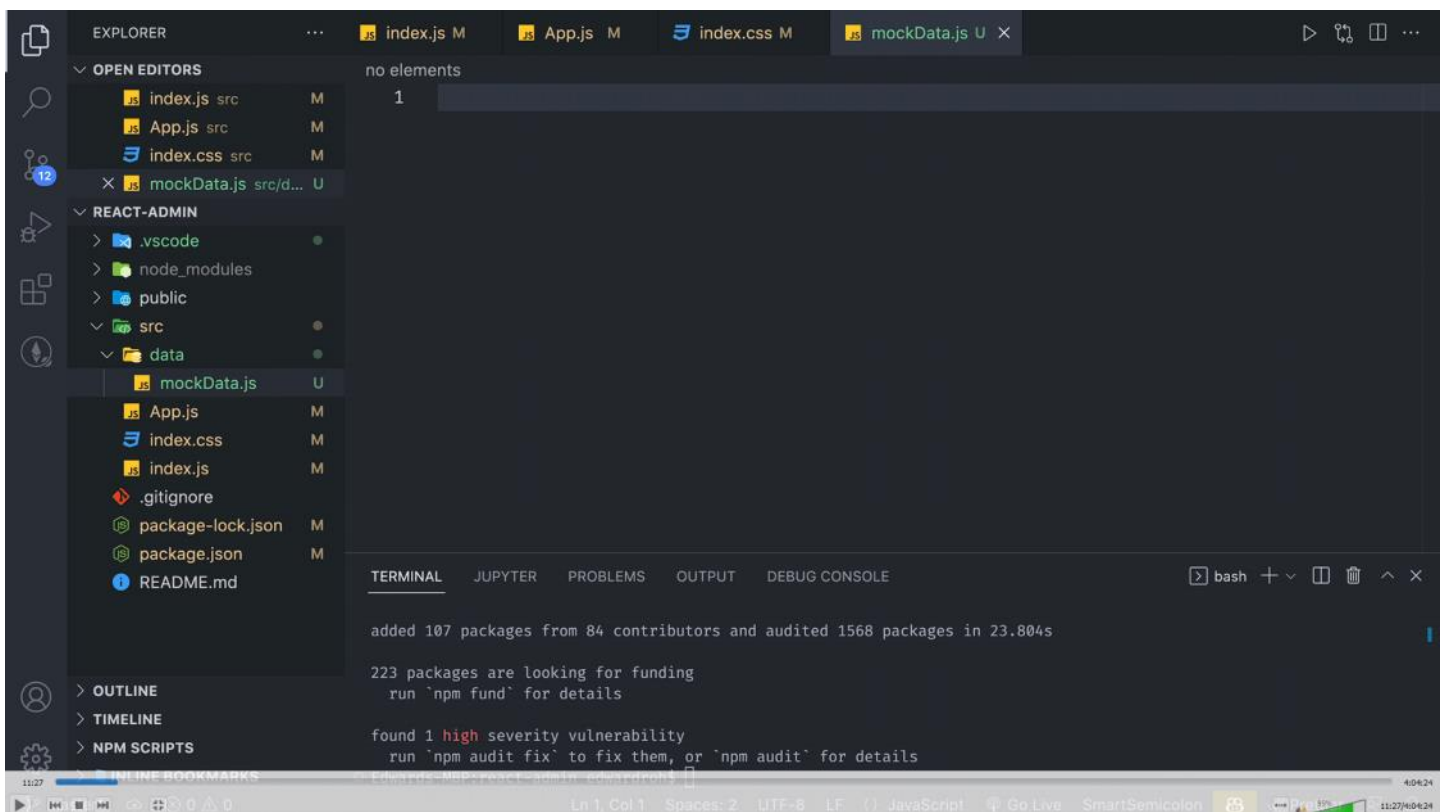
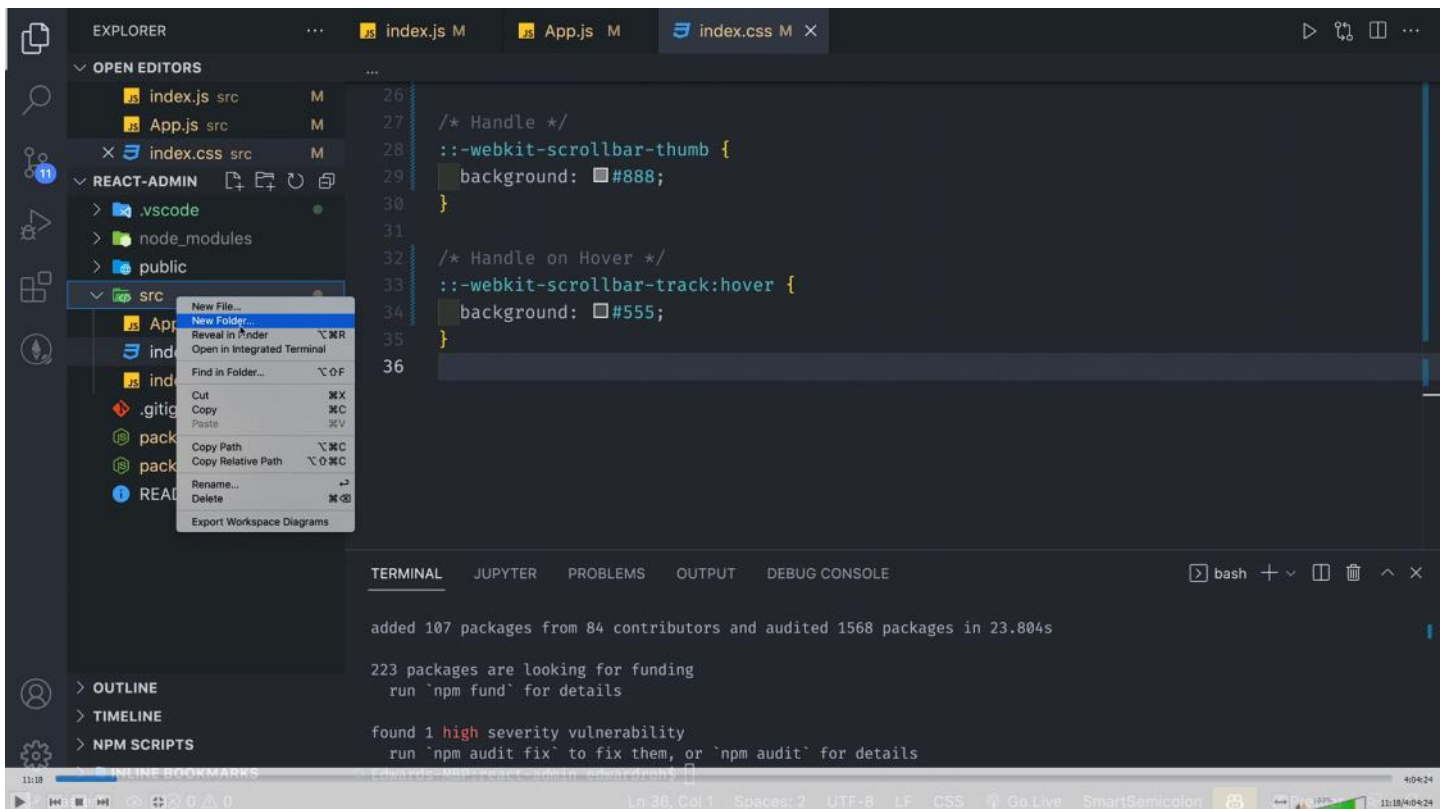


Regular 400 600 700





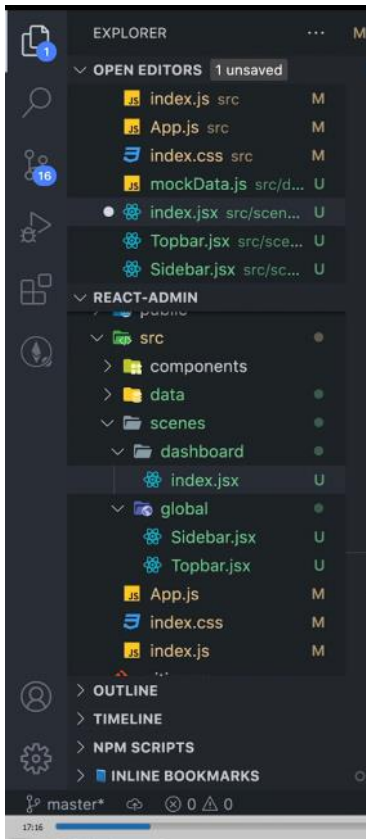


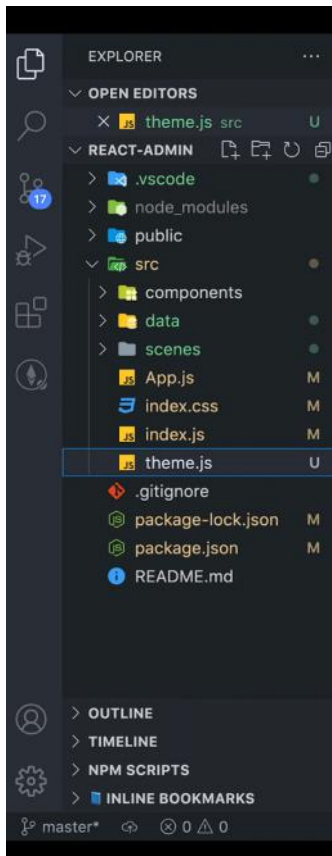


Mockdata

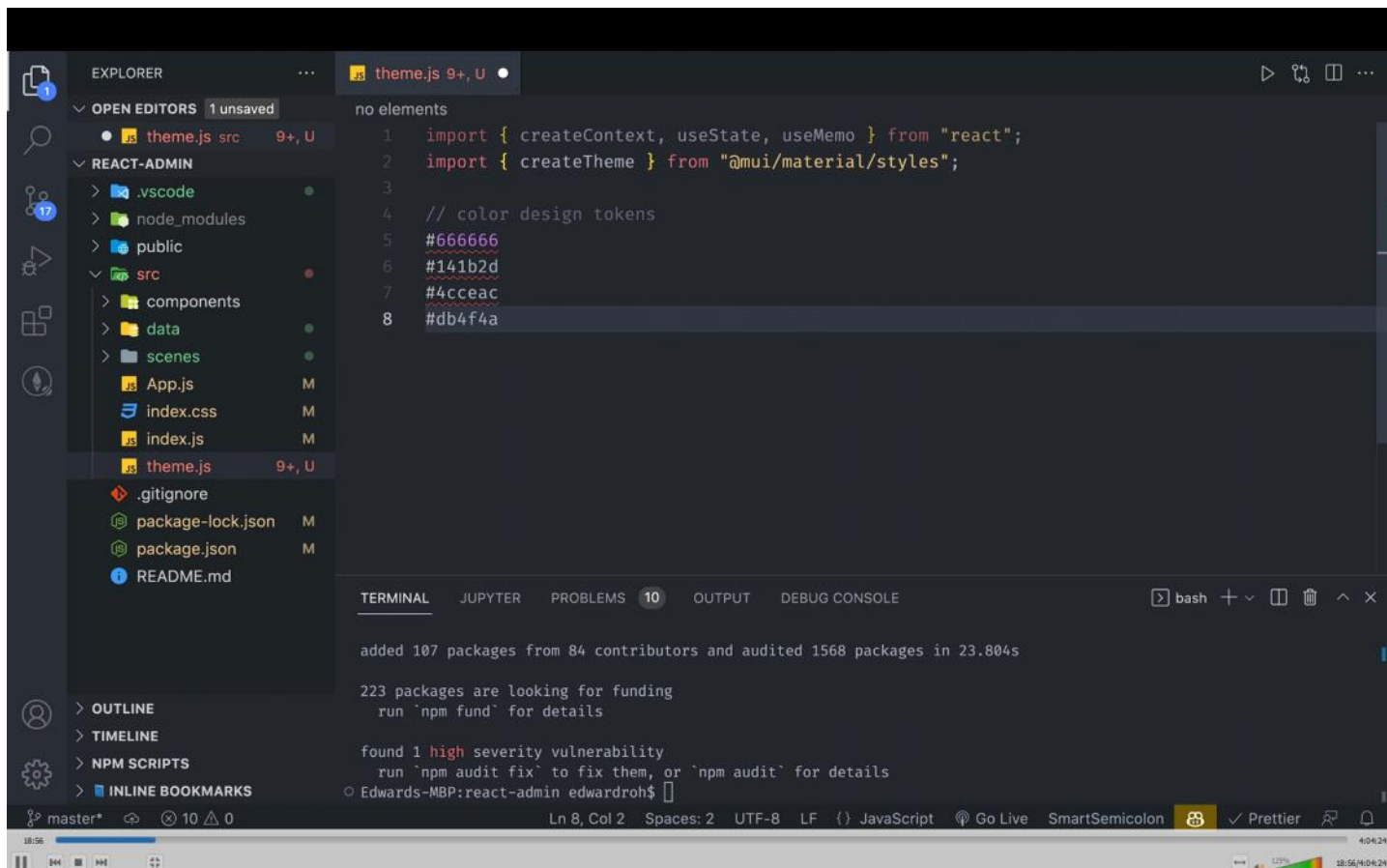
[https://www.youtube.com/redirect?event=video\\_description&redir\\_token=QUFFLUhqbkpCZlB0NThGbZB1V1l1d0R1MUfjVEx6OUQ4Z3xBQ3Jtc0ttM0cyeEwyZ2ZMQUdsUVJwSWFQR2U2emlfUEQ3MmQxeEU4Zm93X0EwTVdVbHcwaHBER2hVRXphaFpzVWJ6azQtSXNGS3p6bmc1VXFuc1JXZ1ZxNDVYQ212TG9leWF1RTFfS0FfOUptaUloREpmNldkTQ&q=https%3A%2F%2Fgithub.com%2Fed-roh%2Freact-admin-](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqbkpCZlB0NThGbZB1V1l1d0R1MUfjVEx6OUQ4Z3xBQ3Jtc0ttM0cyeEwyZ2ZMQUdsUVJwSWFQR2U2emlfUEQ3MmQxeEU4Zm93X0EwTVdVbHcwaHBER2hVRXphaFpzVWJ6azQtSXNGS3p6bmc1VXFuc1JXZ1ZxNDVYQ212TG9leWF1RTFfS0FfOUptaUloREpmNldkTQ&q=https%3A%2F%2Fgithub.com%2Fed-roh%2Freact-admin-)

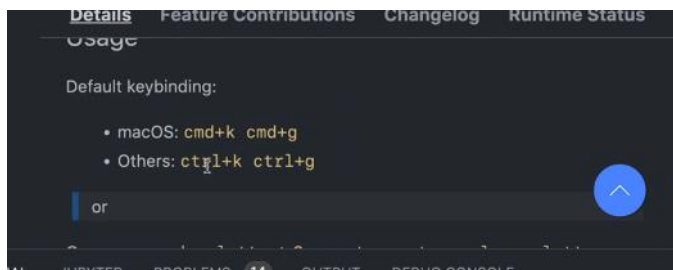
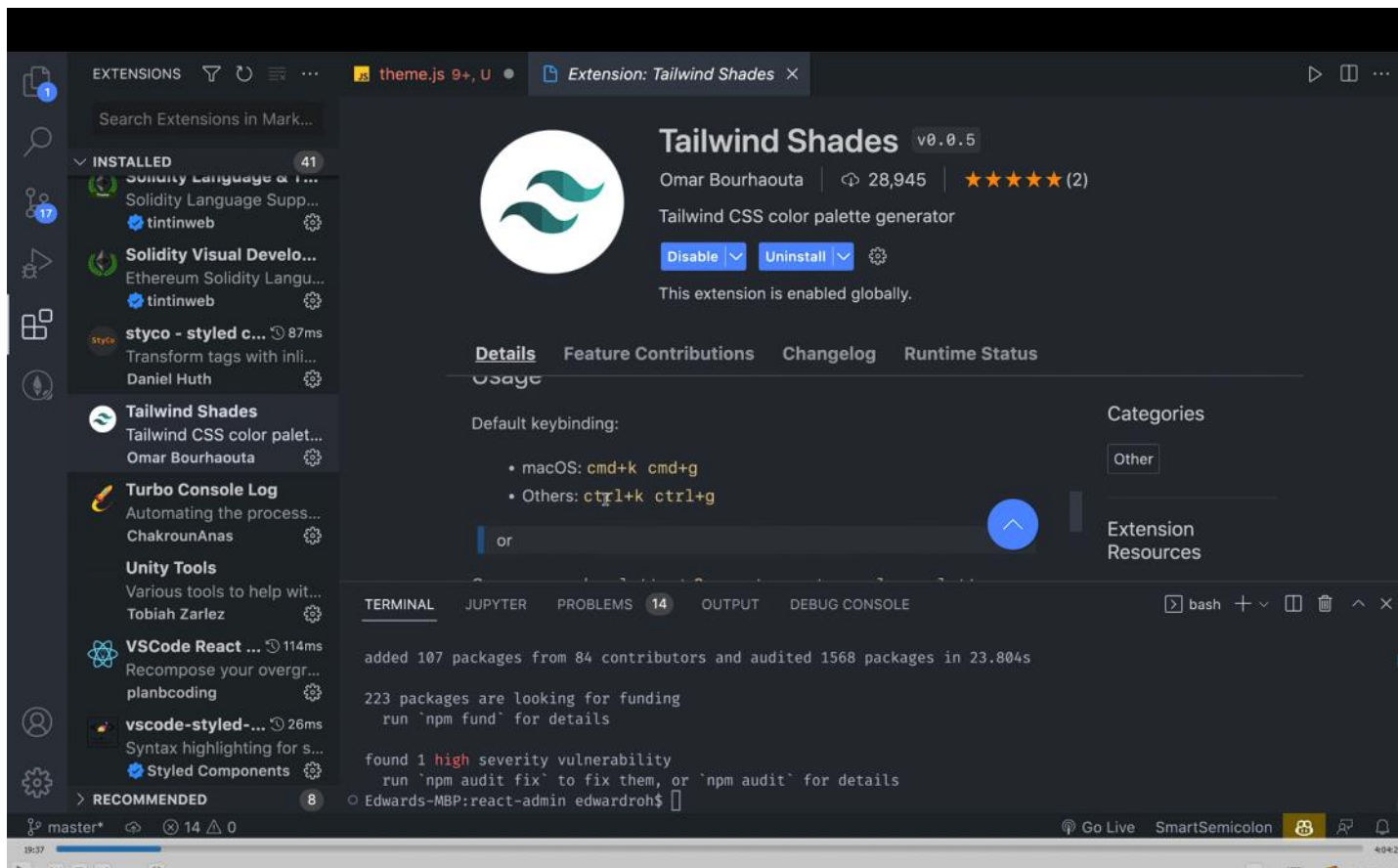
[dashboard%2Ffree%2Fmaster%2Fsrc%2Fdata&v=wYpCWwD1oz0](#)



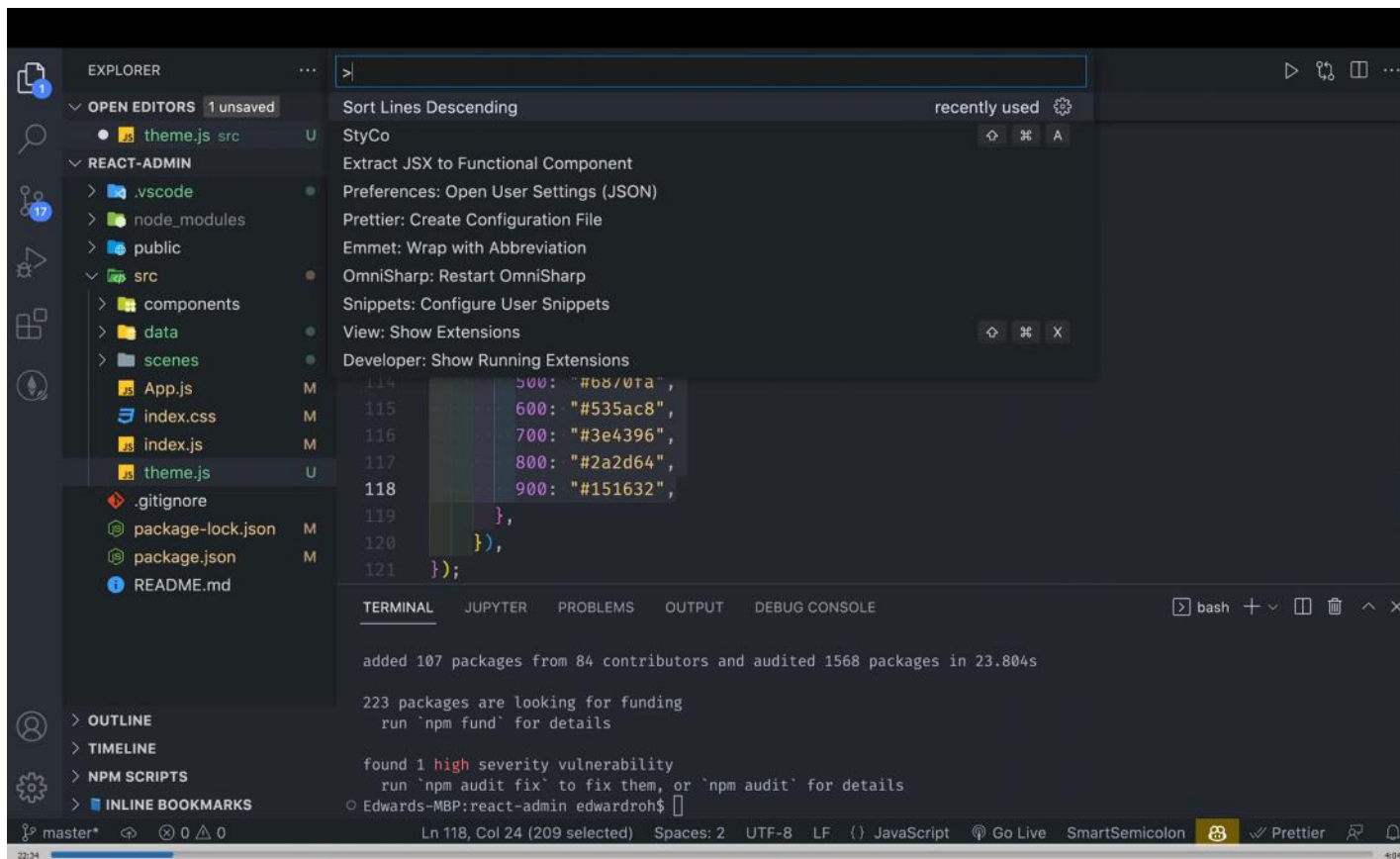


+





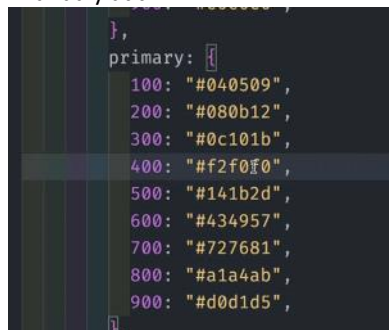
Ctrl + p



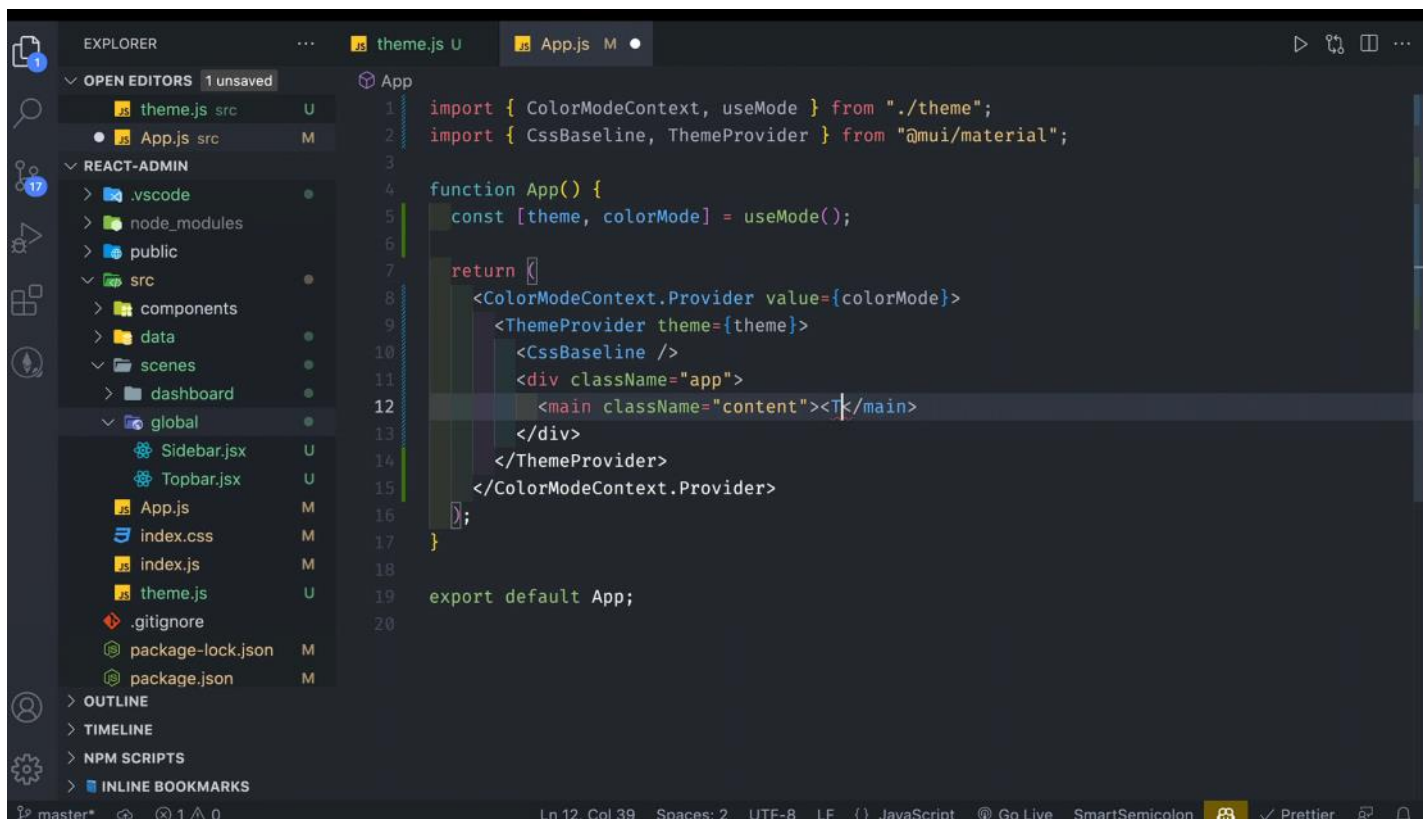
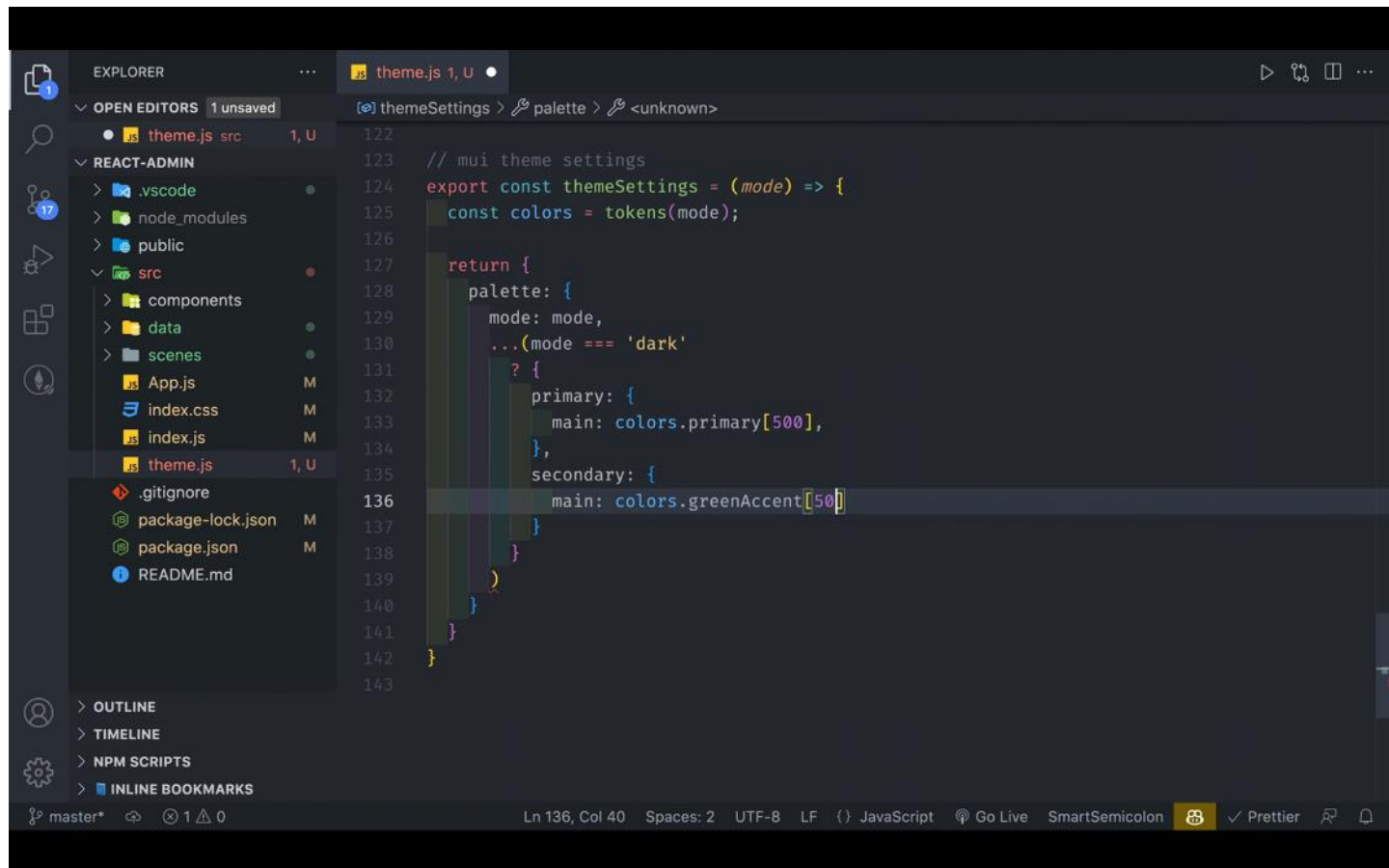
Ctrl + Shift

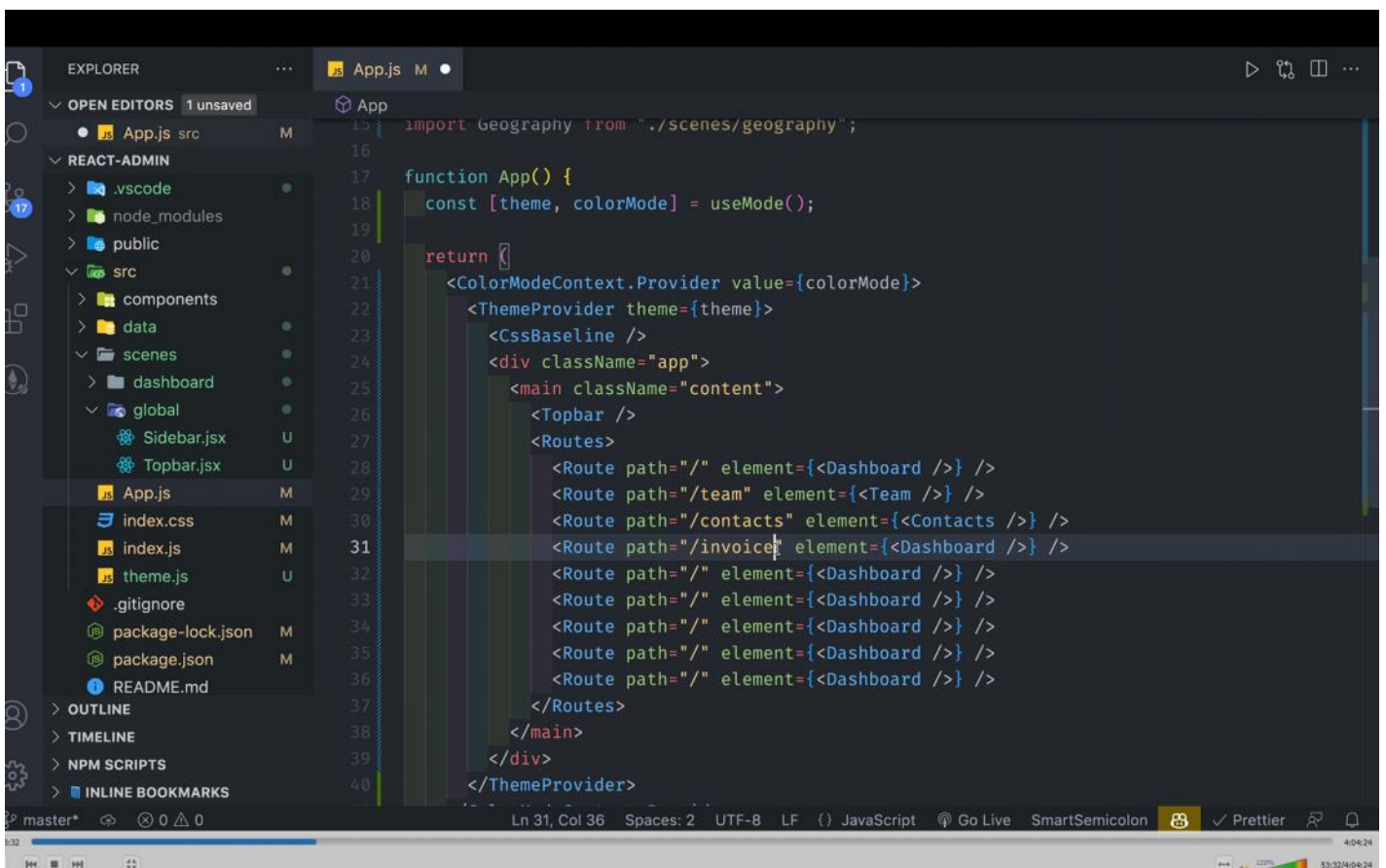
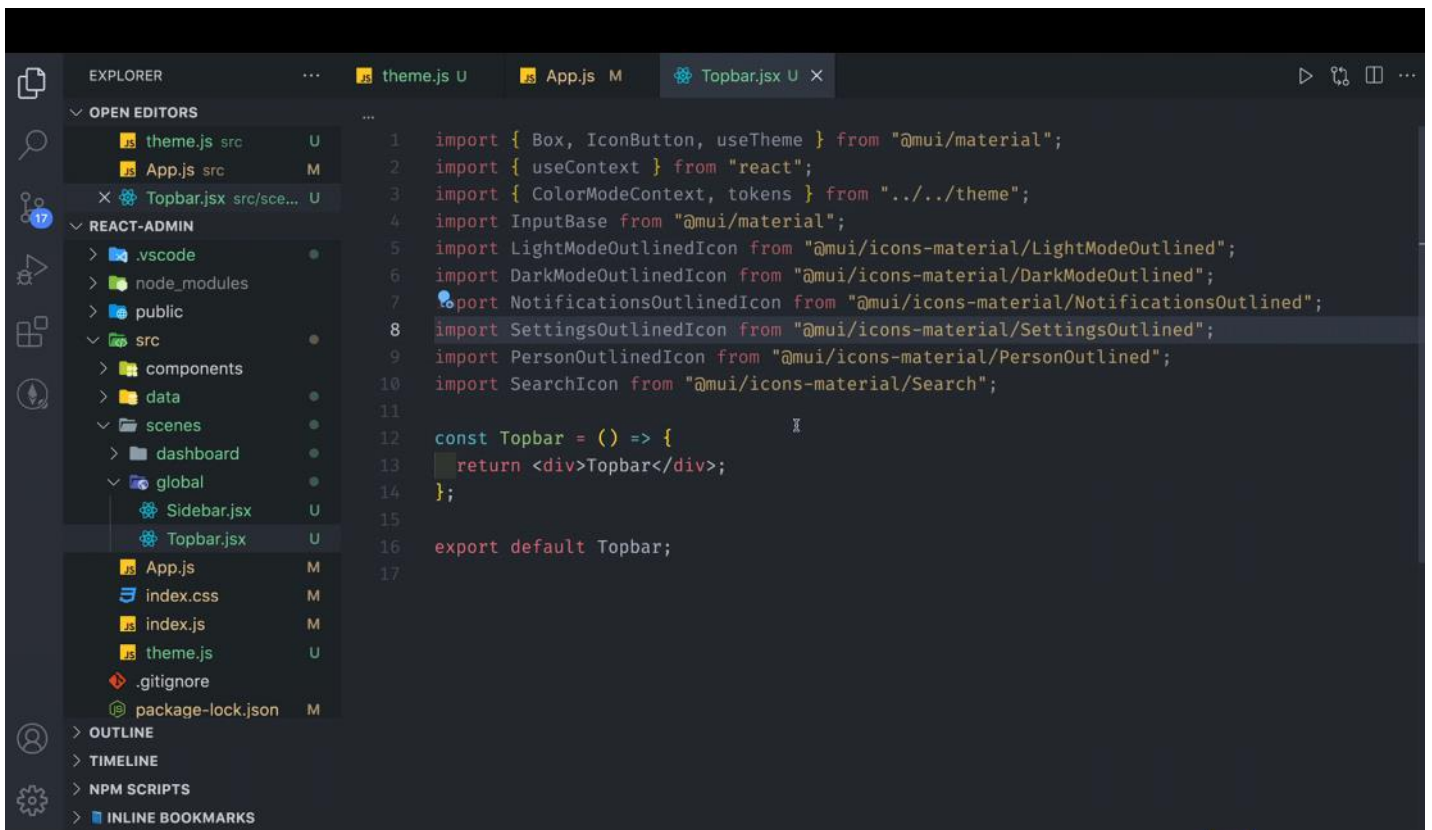


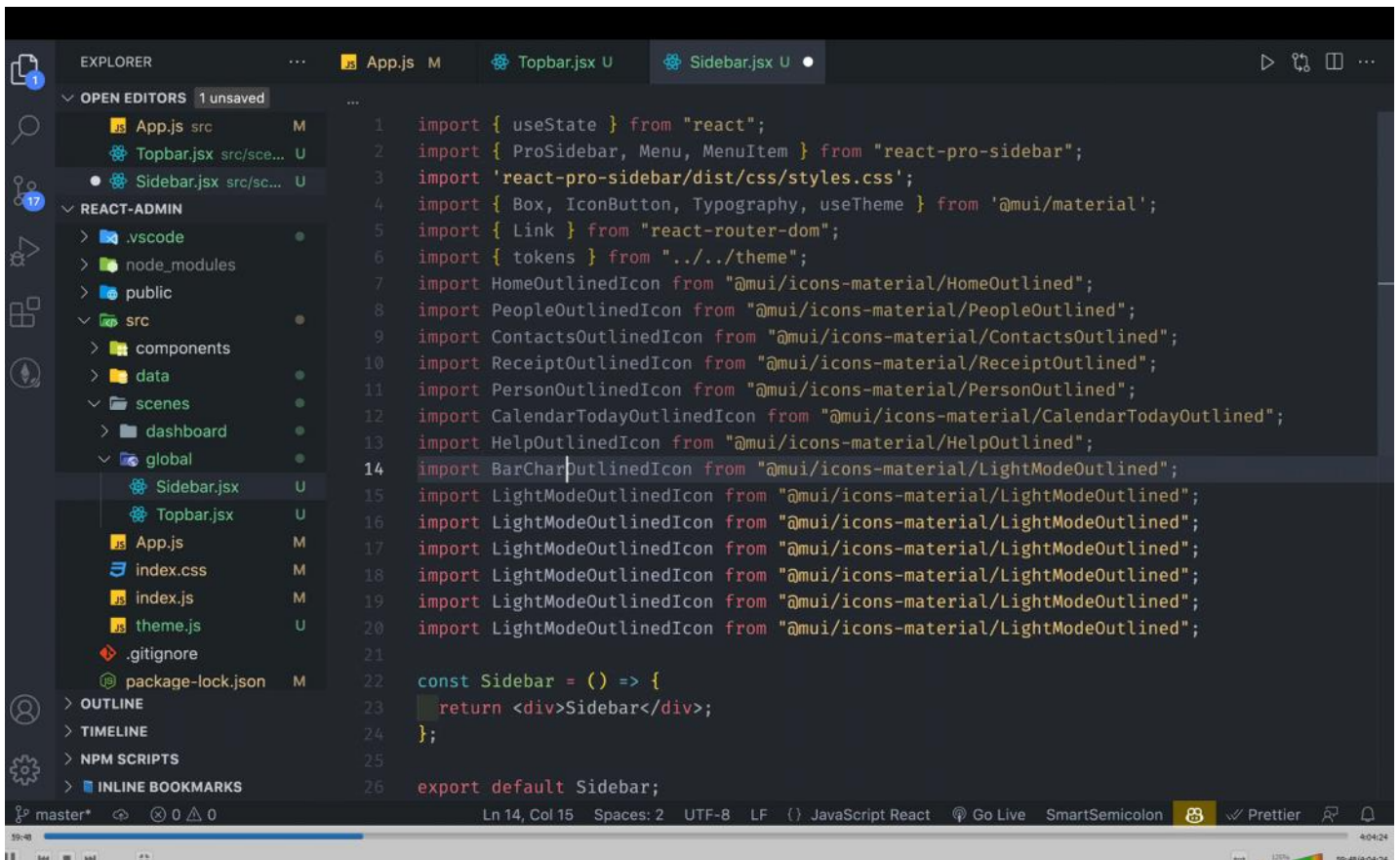
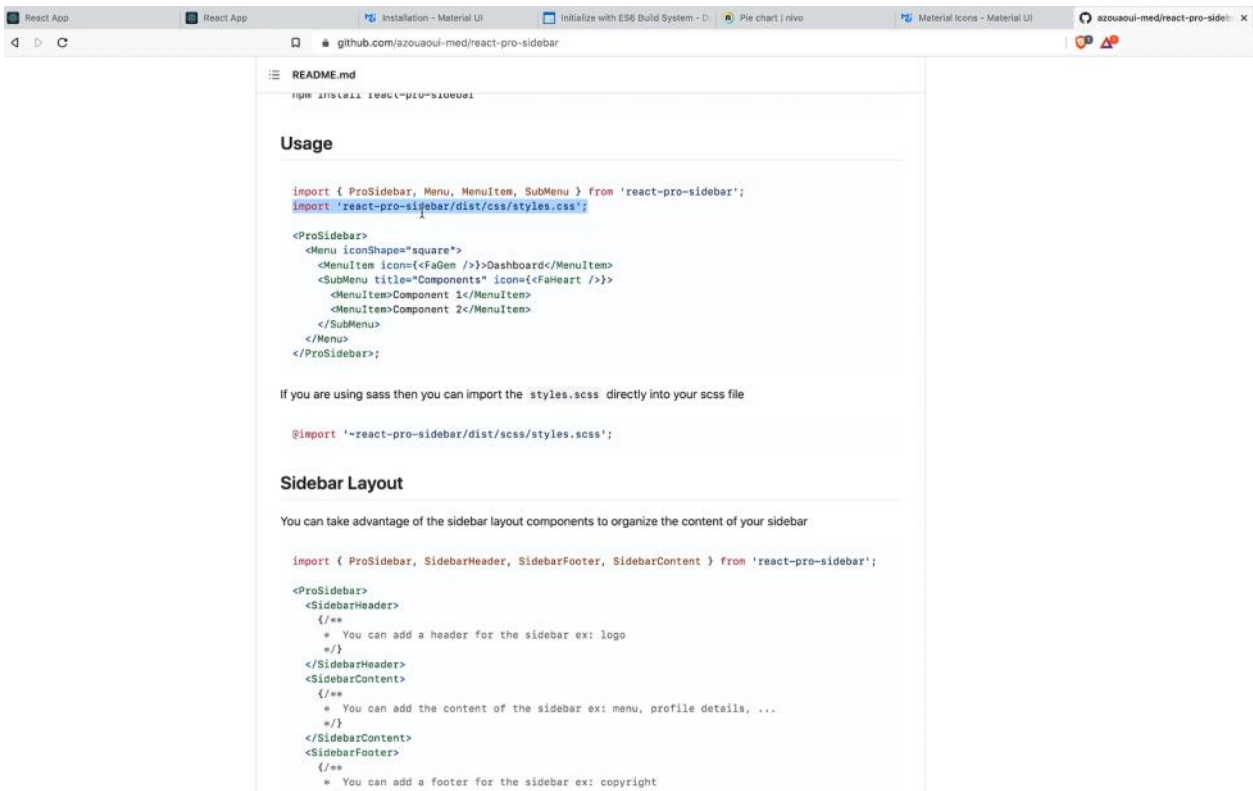
manually add



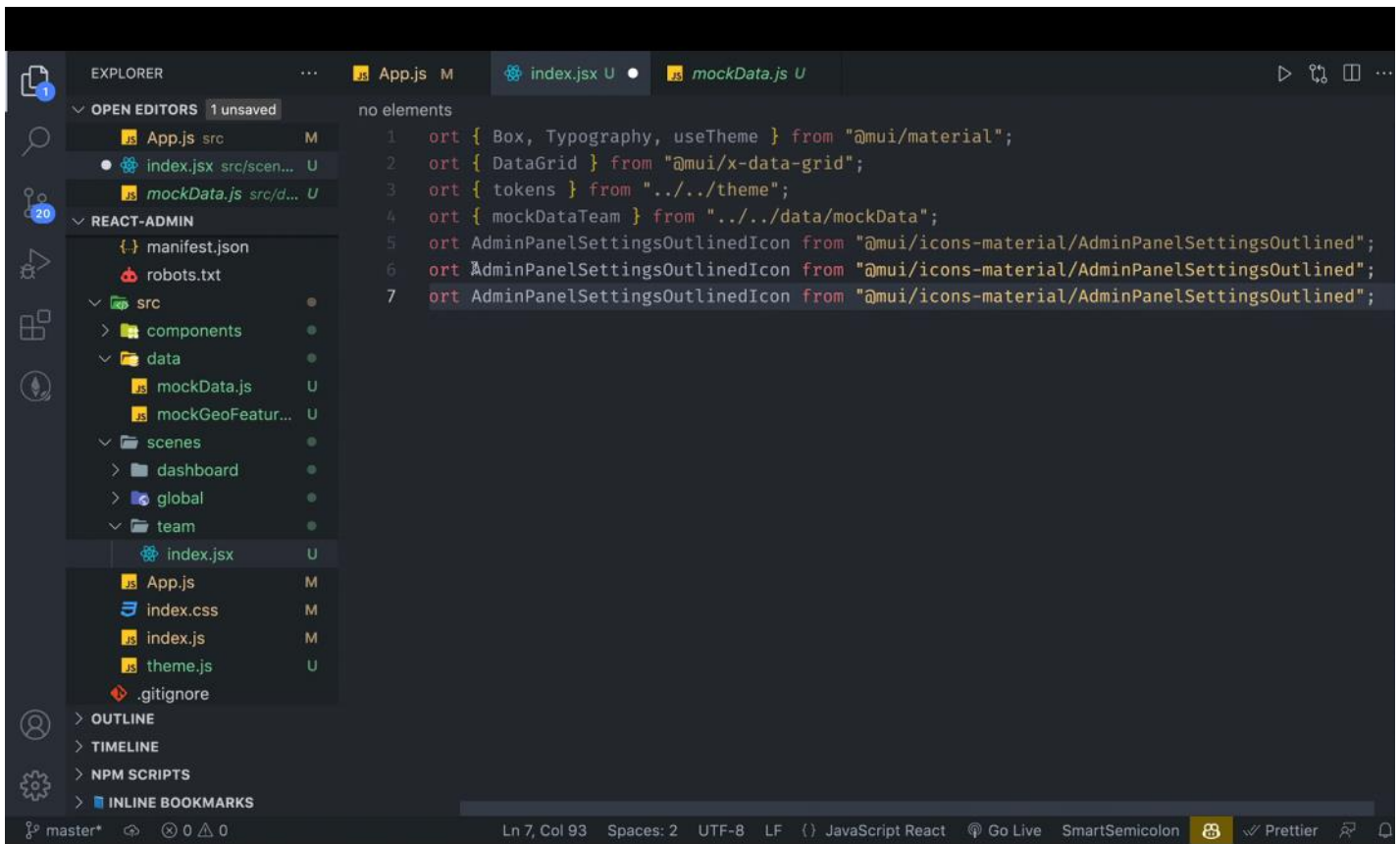
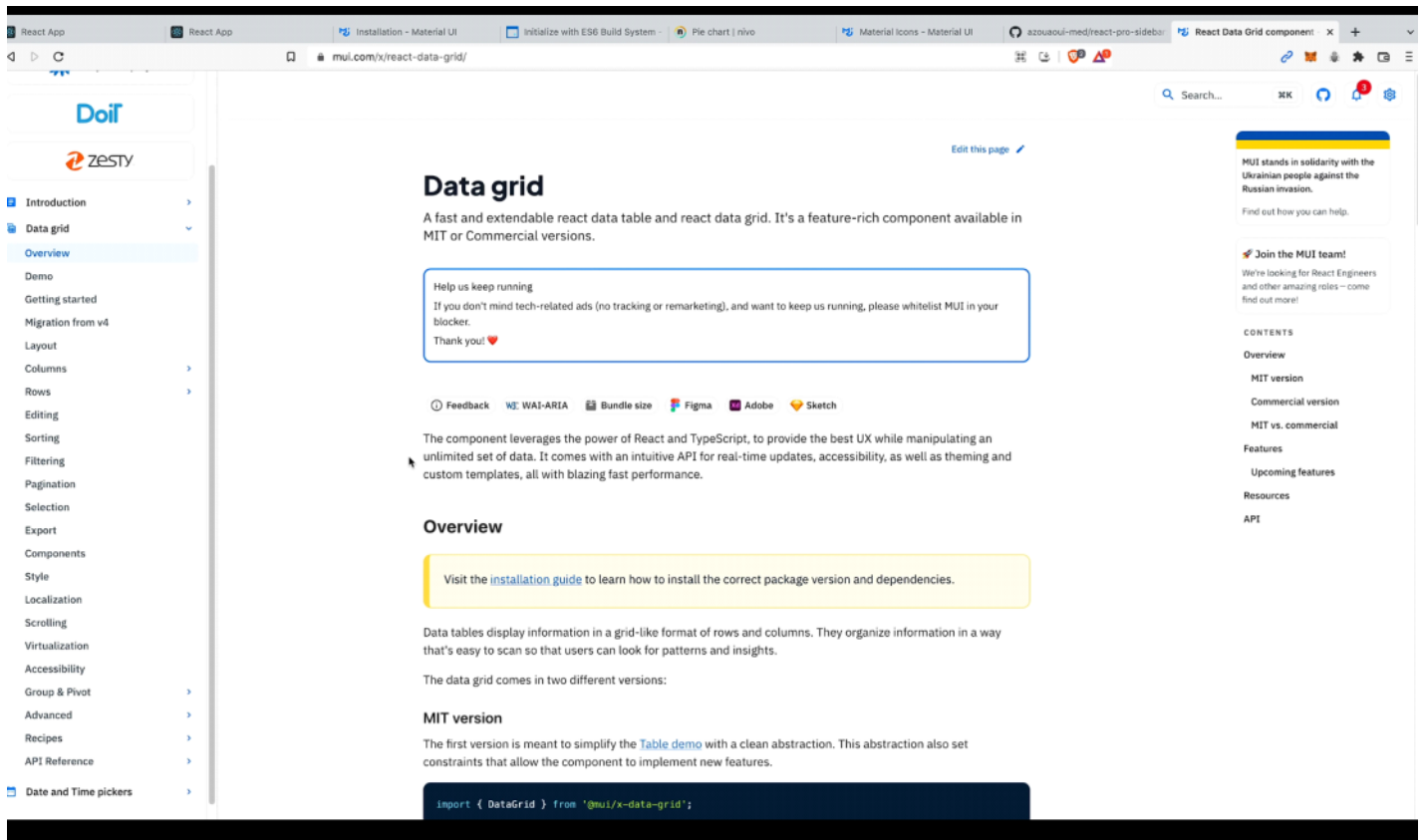






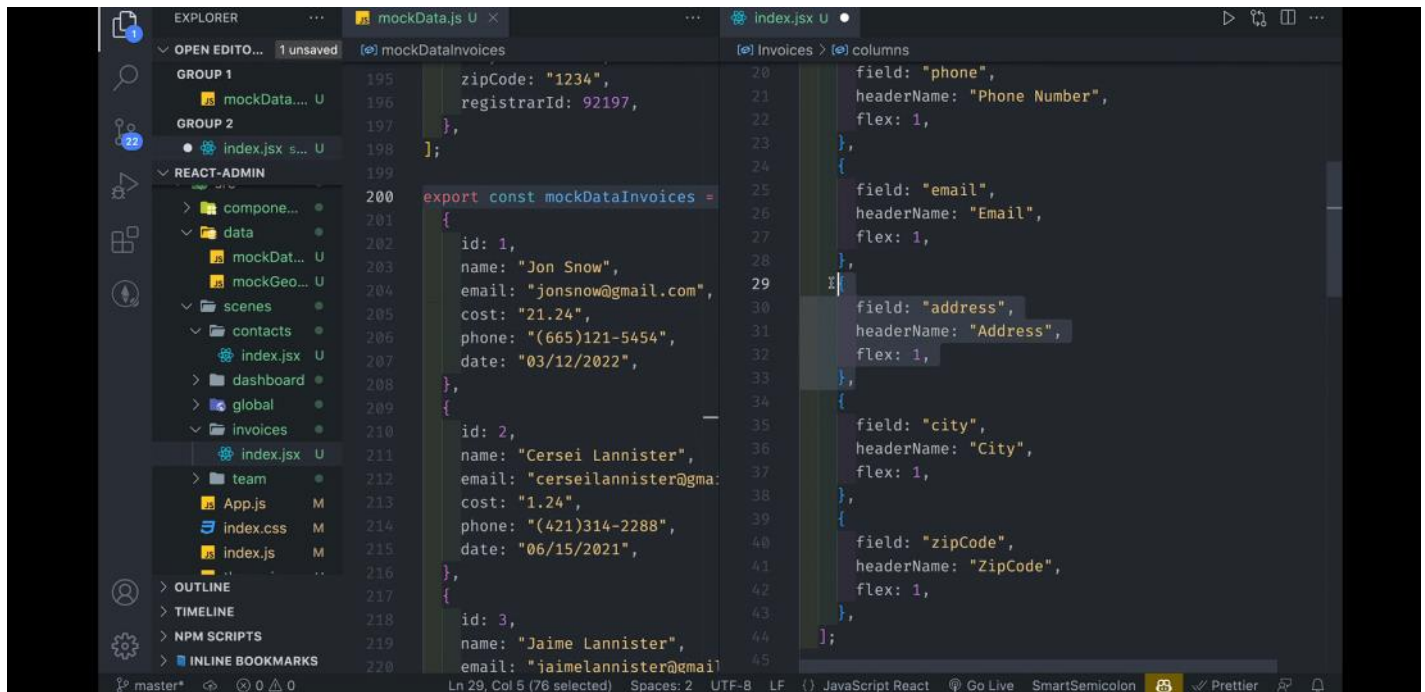
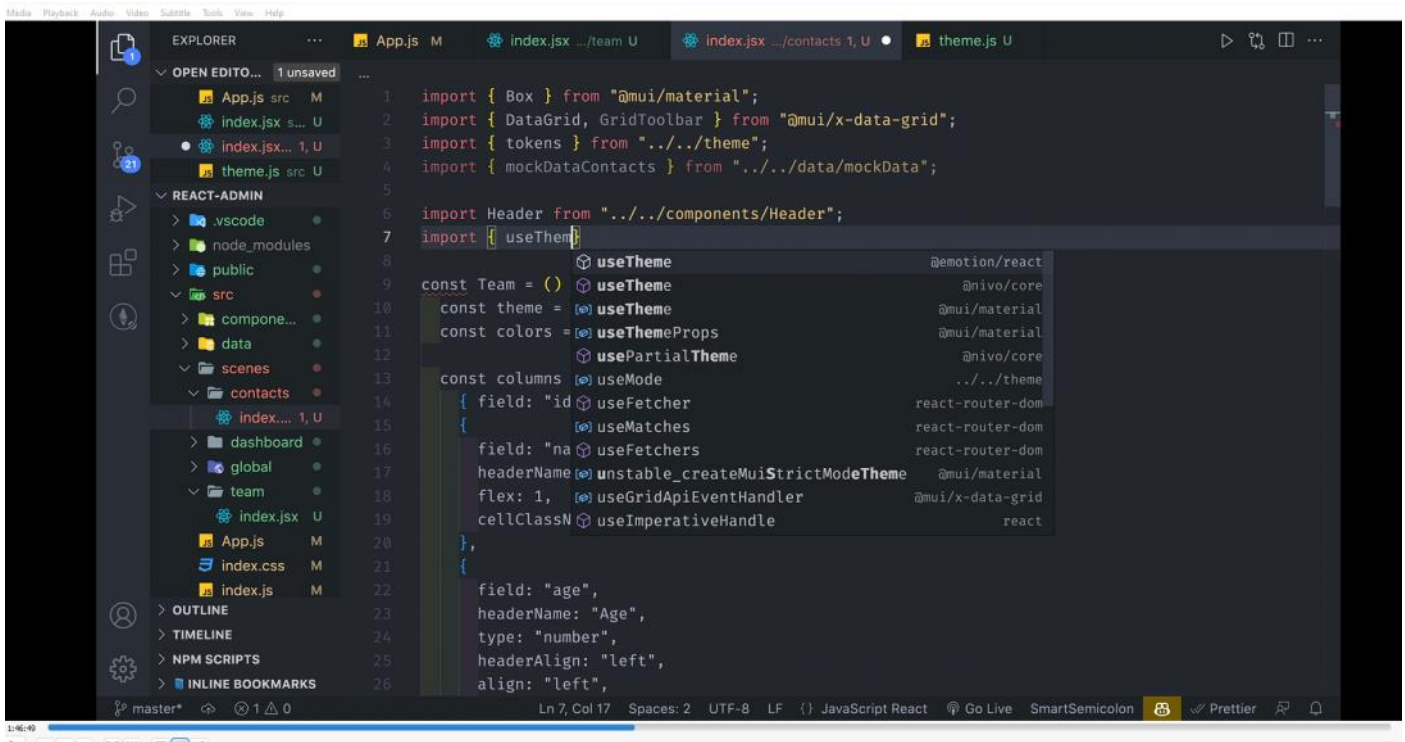






145:13 





React App React App Initialize with ESE Build System - D Pix chart | rivo Material UI | Formik Using Material UI with React Hook Form - Si Get Started | React Hook Form - Si

blog.logrocket.com/using-material-ui-with-react-hook-form/

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Then, use the **Controller** component in the form like so:

```
export const FormWithHookForm = () => {
  const { handleSubmit, reset, control } = useForm();
  const onSubmit = (data: any) => console.log(data);

  return (
    <form>
      <Controller
        name={"textValue"}
        control={control}
        render={({ field: { onChange, value } }) => {
          <TextField onChange={onChange} value={value} label={"Text Value"} />
        }}
      />
      <Button onClick={handleSubmit(onSubmit)}>Submit</Button>
      <Button onClick={() => reset()} variant={"outlined"}>Reset</Button>
    </form>
  )
}
```

This form works just like the previous one. The magic happens thanks to the **field** property of the render function provided by the **Controller**.

### Extracting a component to make it reusable

So we now know how to use the **Controller** component of React Hook Form to get the form to work without any **ref**. Now let's extract the input component to a separate component so we can use it everywhere.

Hi there! Would you be interested in learning how to configure an Apache server for a Node.js application?

☐ Yeah ☐ No

This common component will need three props from its parent:

EXPLORER

index.jsx s... U

index.jsx... 1, U

App.js src M

REACT-ADMIN

compon...

data

mockDat... U

mockGeo... U

scenes

contacts

dashboard

form

index.... 1, U

global

invoices

team

App.js M

index.css M

index.js M

theme.js U

OUTLINE

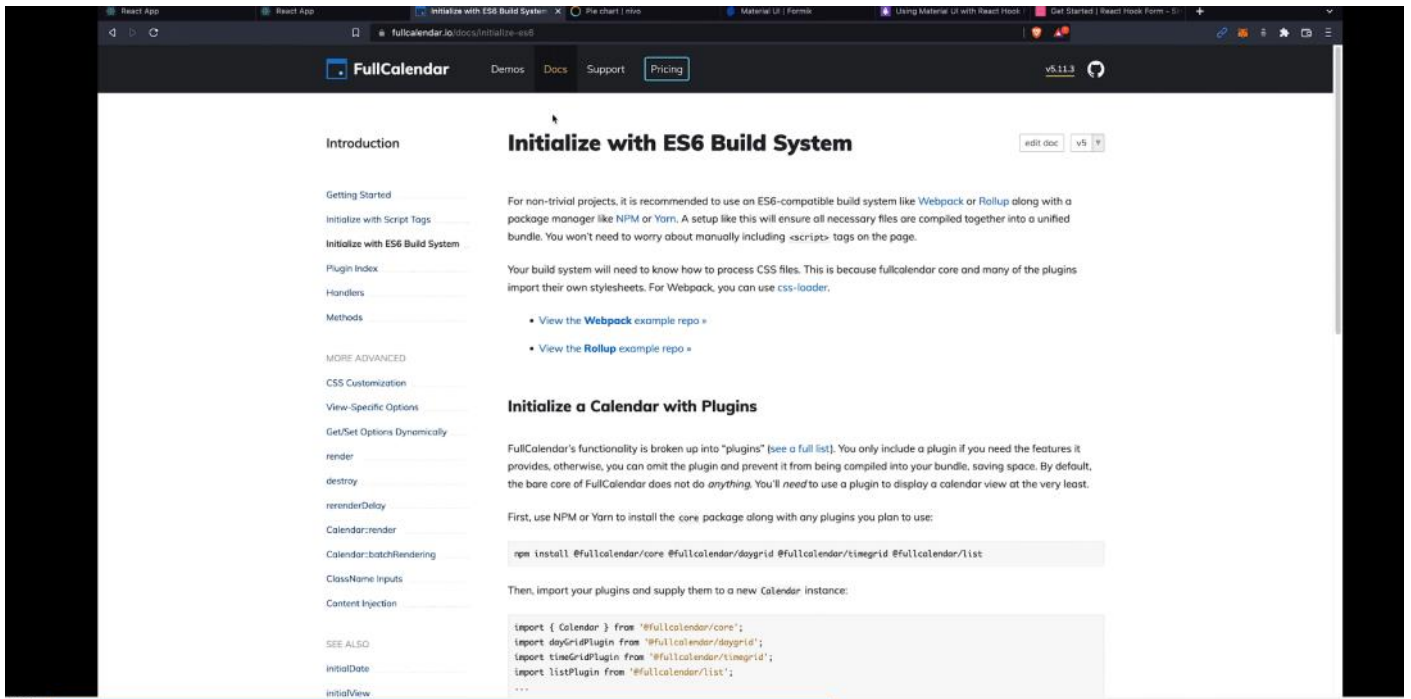
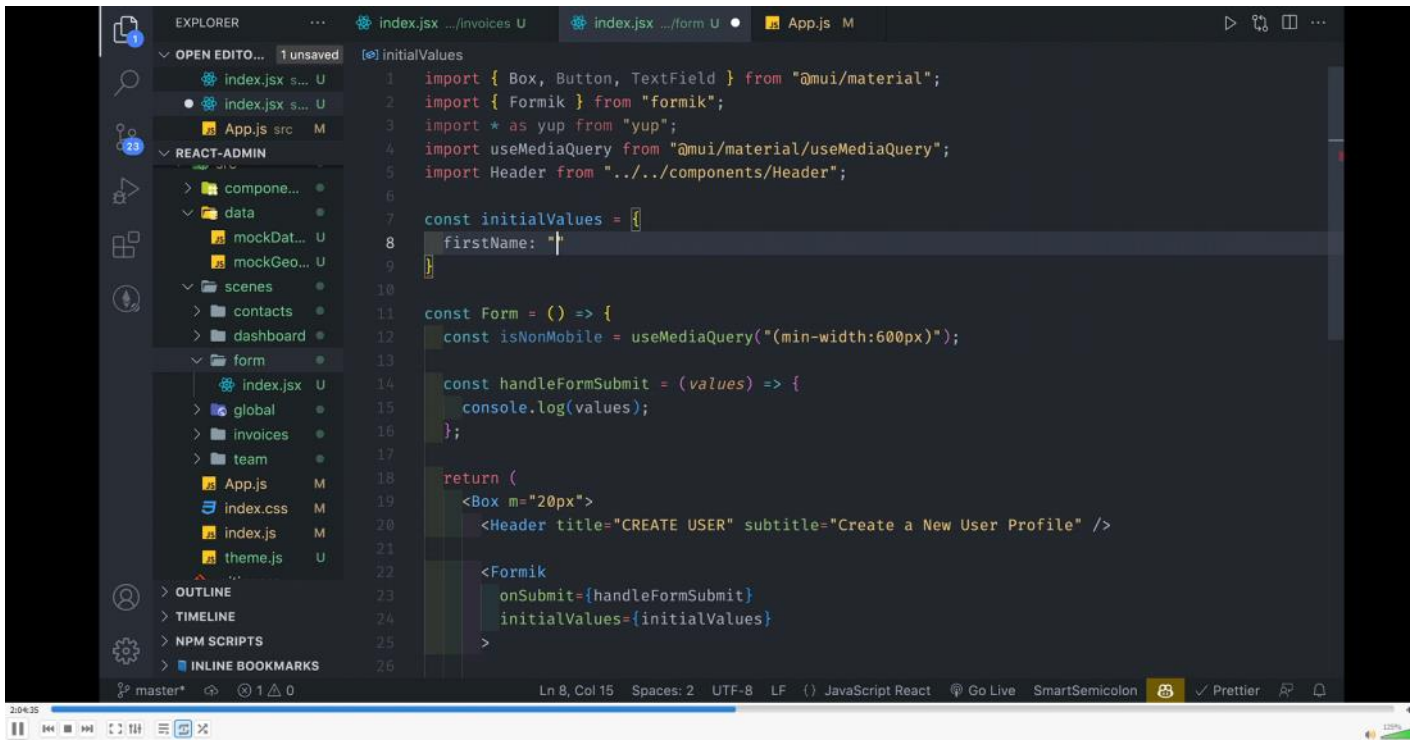
TIMELINE

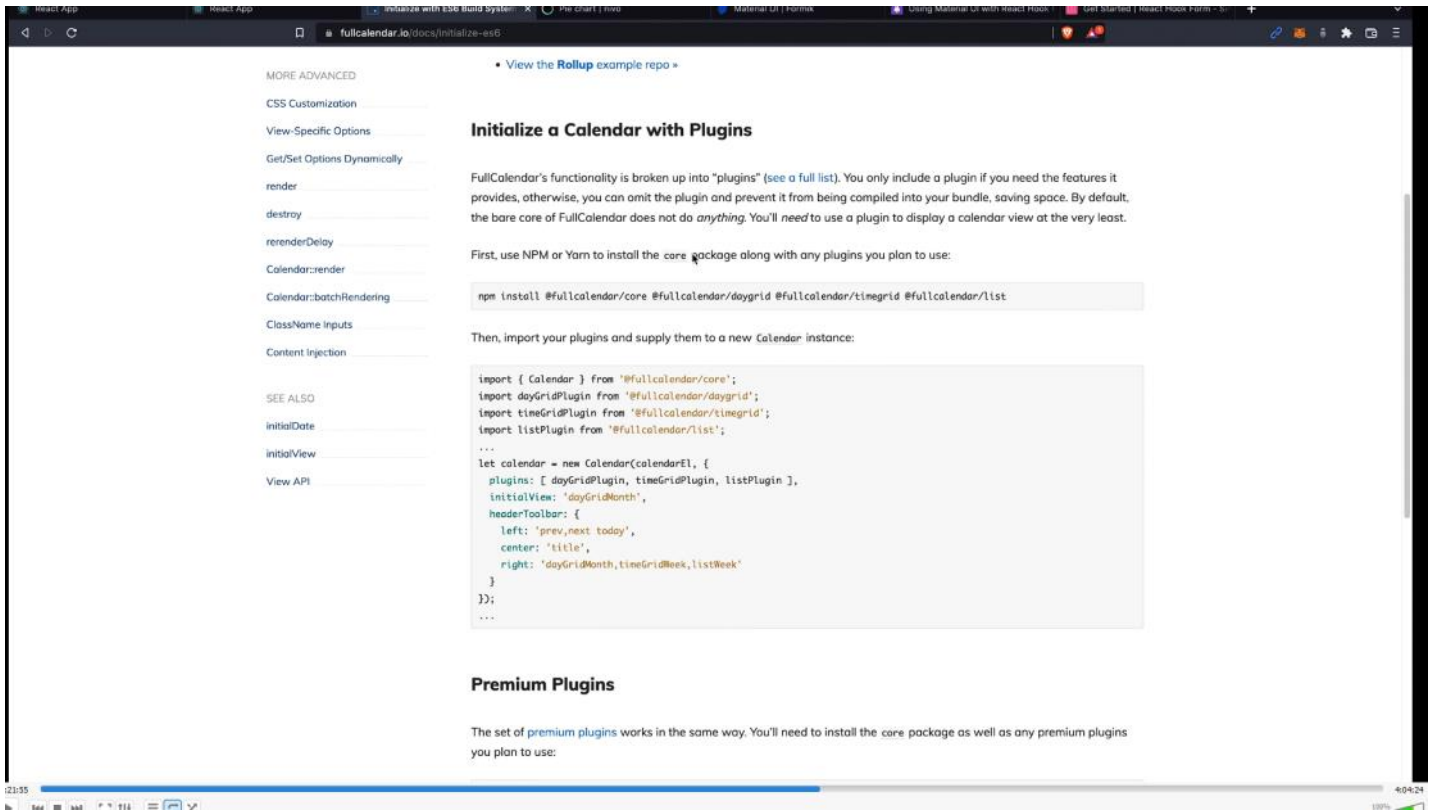
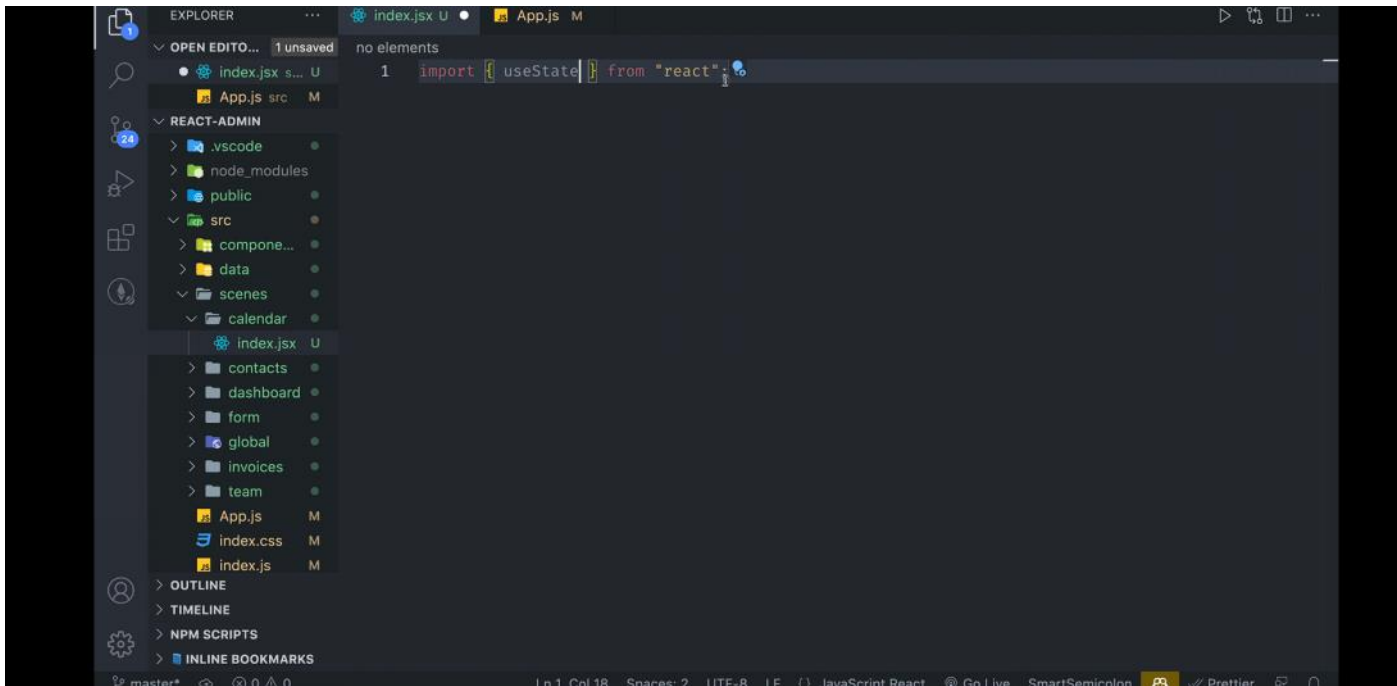
NPM SCRIPTS

INLINE BOOKMARKS

no elements

```
1 import { Box, Button, TextField } from "@mui/material";
2 import { Formik } from "formik";
3 import * as yup from "yup";
4 import useMediaQuery from
```





labelSkipHeight number optional default: 0  
Skip label if bar height is lower than provided value, ignored if 0.

labelTextColor string | object | Function optional default: ("from": "theme", "theme": "labels.text.color")  
inherit theme custom

inherited property  
color  
modifiers  
darker 1.5

Defines how to compute label text color.

GRID & AXES

enableGridX boolean optional default: false  
Enable/disable x grid.

gridXValues (number | string[]) optional  
Specify values to use for vertical grid lines.

enableGridY boolean optional default: true  
Enable/disable y grid.

gridYValues (number | string[]) optional  
Specify values to use for horizontal grid lines.

axisTop object optional  
Top axis configuration.

axisRight object optional  
Right axis configuration.

axisBottom object optional  
Bottom axis configuration.

CODE

```

{
  "background": "inherit",
  "color": "#4d4d4d",
  "rotation": -45,
  "lineWidth": 0,
  "spacing": 10
}
}
fill: [
  {
    "id": "fries",
    "value": 113,
    "color": "#f08080"
  },
  {
    "id": "donut",
    "value": 191,
    "color": "#f08080"
  },
  {
    "id": "sandwich",
    "value": 96,
    "color": "#f08080"
  },
  {
    "id": "kebab",
    "value": 38,
    "color": "#f08080"
  },
  {
    "id": "burger",
    "value": 41,
    "color": "#f08080"
  },
  {
    "id": "hot dog",
    "value": 20,
    "color": "#f08080"
  }
]
borderColor: [
  "from": "color",
  "modifiers": [
    "darker",
    "1.5"
  ]
]

```

RECIPES

- Using markers
- Stacked diverging bar chart
- Grouped diverging bar chart
- Custom bar element
- Formatting values
- Using custom tooltip
- Custom axis ticks
- With symlog scale

ACTIONS LOGS

Start interacting with the chart to log actions.

create-react-app: <https://create-react-app.dev/> material ui: <https://mui.com/material-ui/getting-started/> nivo charts: <https://nivo.rocks/components> full calendar: <https://fullcalendar.io/docs> formik: <https://formik.org/docs/overview#install> yup validation: <https://github.com/jquense/yup> react pro sidebar: <https://github.com/azouaoui-med/react-pro-sidebar> google fonts: <https://fonts.google.com/> Code link to mock data (copy and paste both files): <https://github.com/red-roh/react-admin> completed code: <https://github.com/red-roh/react-admin>

From <https://www.youtube.com/watch?v=7y7GQW6tG8c&list=PL4wUg1v4G8c>

Bar

@nivo/bar

SVG CANVAS HTTP API

Bar chart which can display multiple data series, stacked or side by side. Also supports both vertical and horizontal layout, with negative values descending below the x axis (or y axis if using horizontal layout). The bar item component can be customized to render any valid SVG element, it will receive current bar style, data and event handlers, there's an example in [storybook](#).

Search properties...

BASE

DIMENSIONS

- width \* number  
Chart width for non-responsive component.
- defaultWidth number  
Chart default width for responsive component.
- height \* number  
Chart height for non-responsive component.
- defaultHeight number  
Chart default height for responsive component.

CODE

```

<ResponsiveBar /> or <Bar /> for fixed dimensions />
data={data}
indexBy="country"
labelSkipWidth={12}
labelSkipHeight={12}
legends={
  [
    {
      dataFrom: "keys",
      anchor: "center",
      direction: "column",
      translateX: 120,
      itemsSpacing: 5,
      itemWidth: 100,
      itemHeight: 16
    }
  ]
}
axisBottom={
  [
    { legend: "country (indexBy)", legendOffset: 32 }
  ]
}
axisLeft={
  [
    { legend: "food", legendOffset: -40 }
  ]
}
margin={
  { top: 50, right: 100, bottom: 50, left: 60 }
}

```

RECIPES

- Using markers
- Stacked diverging bar chart
- Grouped diverging bar chart
- Custom bar element
- Formatting values
- Using custom tooltip
- Custom axis ticks

```

{
  "color": "#993300",
  "id": "donut",
  "value": 191,
  "formattedValue": "191",
  "hidden": false,
  "index": 0,
  "indexValue": "AD",
  "data": {
    "hot dog": 20,
    "burger": 41,
    "sandwich": 96,
    "kebab": 38,
    "fries": 113,
    "donut": 191,
    "country": "AD"
  }
}

```

+



Build a COMPLETE React Admin Dashboard App - React, Material UI, Data Grid, Light, Dark Mode, etc - VLC media player

Media Playback Audio Video Subtitle Tools View Help

EXPLORER ... index.jsx .../calendar U index.jsx .../faq U App.js M BarChart.jsx U mockData.js U

OPEN EDITORS ... 1 unsaved

index.jsx s... U  
index.jsx s... U  
App.js src M  
BarChart.j... U  
mockData... U

REACT-ADMIN

> .vscode  
> node\_modules  
> public  
> src  
 > compone...  
 > BarChart... U  
 > Header.jsx U  
 > data  
 > mockDat... U  
 > mockGeo... U  
 > scenes  
 > calendar  
 > contacts  
 > dashboard  
 > faq  
 > OUTLINE  
 > TIMELINE  
 > NPM SCRIPTS  
 > INLINE BOOKMARKS

BarChart > axis > domain > line > stroke

```
1 import { useTheme } from "@mui/material";
2 import { ResponsiveBar } from "nivo/bar";
3 import { tokens } from "../theme";
4 import { mockBarData as data } from "../data/mockData";
5
6 const BarChart = () => {
7   const theme = useTheme();
8   const colors = tokens(theme.palette.mode);
9
10  return (
11    <ResponsiveBar
12      data={data}
13      theme={{
14        axis: {
15          domain: {
16            line: {
17              stroke: colors.grey[100]
18            }
19          }
20        }
21      }}
22      keys={["hot dog", "burger", "sandwich", "kebab", "fries", "donut"]}
23      indexBy="country"
24      margin={{ top: 50, right: 130, bottom: 50, left: 60 }}
25      padding={0.3}
26      valueScale={{ type: "linear" }}
27    >
```

Ln 17, Col 38 Spaces: 2 UTF-8 LF JavaScript React Go Live SmartSemicolon Prettier

154.18 4042

Media Playback Audio Video Subtitle Tools View Help

EXPLORER ... index.jsx .../calendar U index.jsx .../faq U App.js M BarChart.jsx U index.jsx .../bar U

OPEN EDITORS

index.jsx s... U  
index.jsx s... U  
App.js src M  
BarChart.j... U  
index.jsx s... U  
mockData... U

REACT-ADMIN

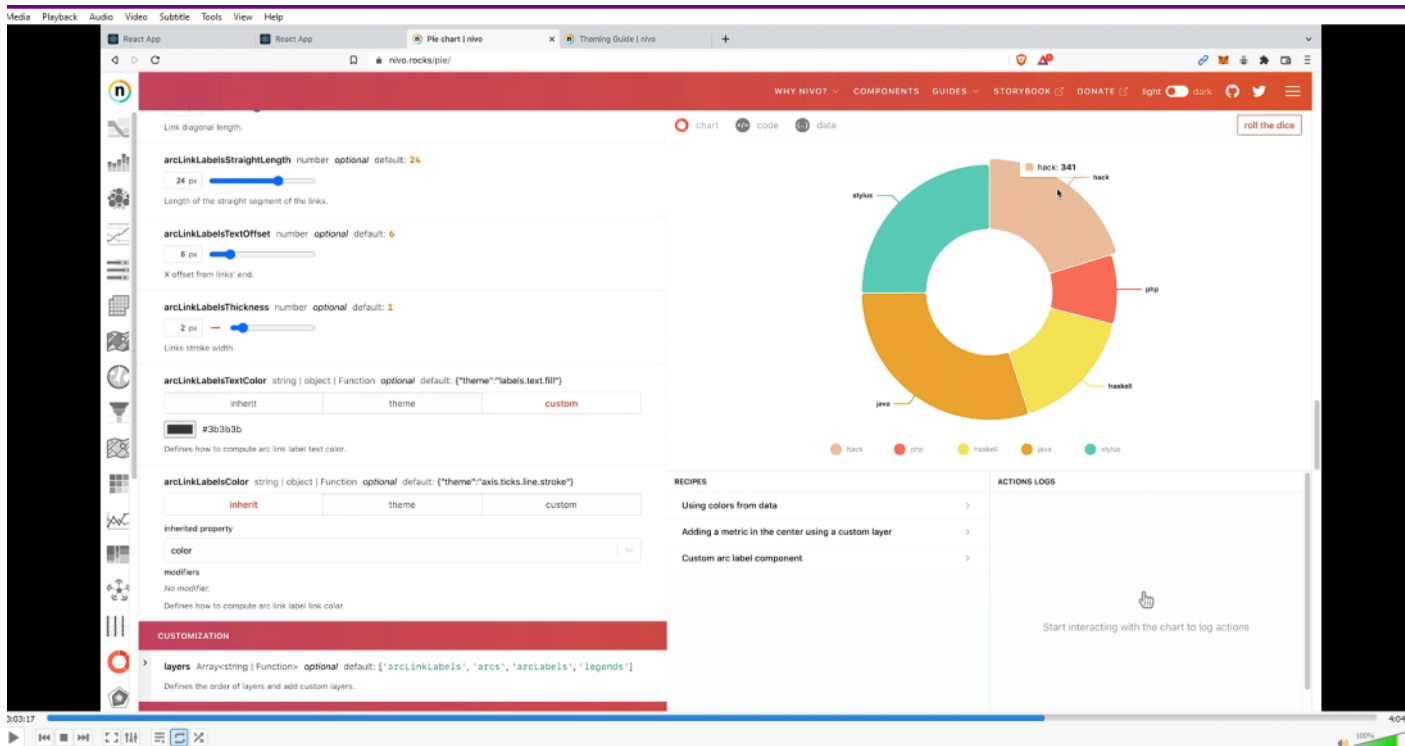
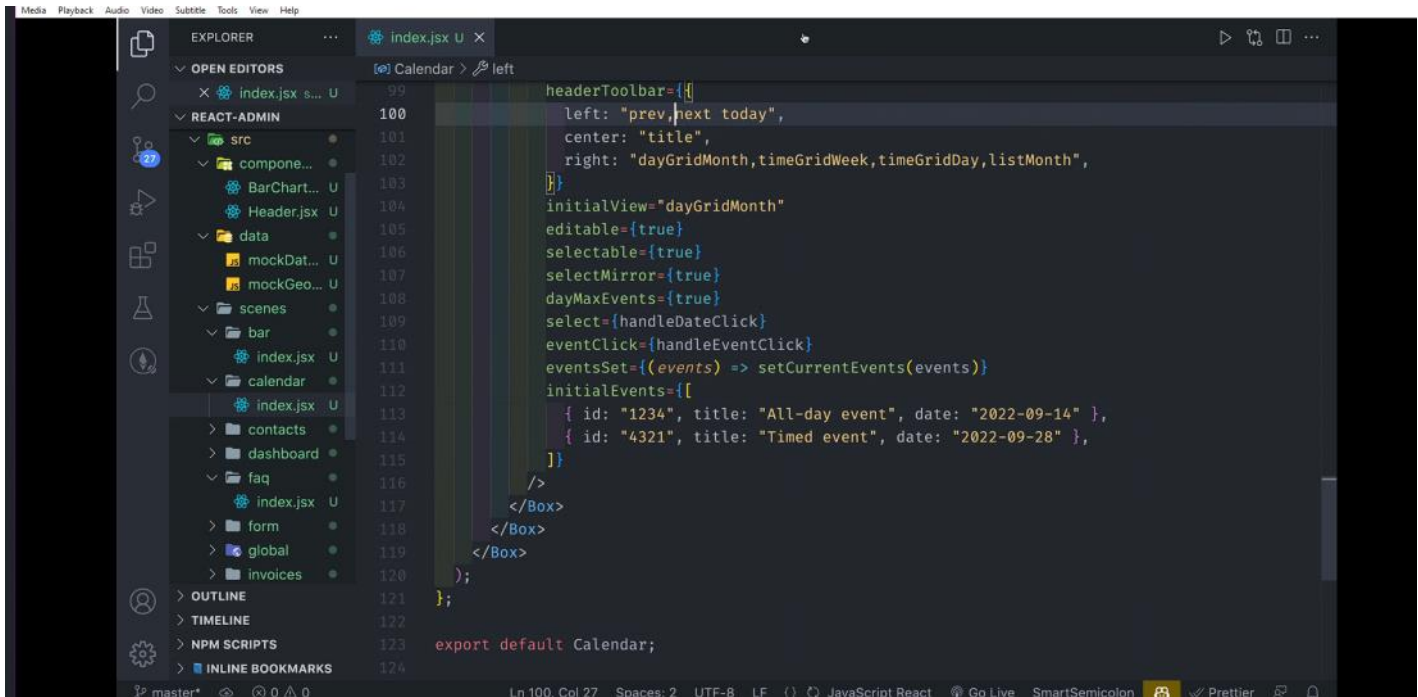
> compone...  
 > BarChart... U  
 > Header.jsx U  
 > data  
 > mockDat... U  
 > mockGeo... U  
 > scenes  
 > bar  
 > index.jsx U  
 > calendar  
 > contacts  
 > dashboard  
 > faq  
 > form

Bar

```
1 import { Box } from "@mui/material";
2 import Header from "../components/Header";
3 import BarChart from "../components/BarChart";
4
5 const Bar = () => {
6   return (
7     <Box m="20px">
8       <Header title="Bar Chart" subtitle="Simple Bar Chart" />
9       <Box height="75vh">
10        <BarChart />
11      </Box>
12    </Box>
13  );
14 };
15
16 export default Bar;
17
```

Ln 10, Col 21 Spaces: 2 UTF-8 LF JavaScript React Go Live SmartSemicolon Prettier

2:56:58 4042



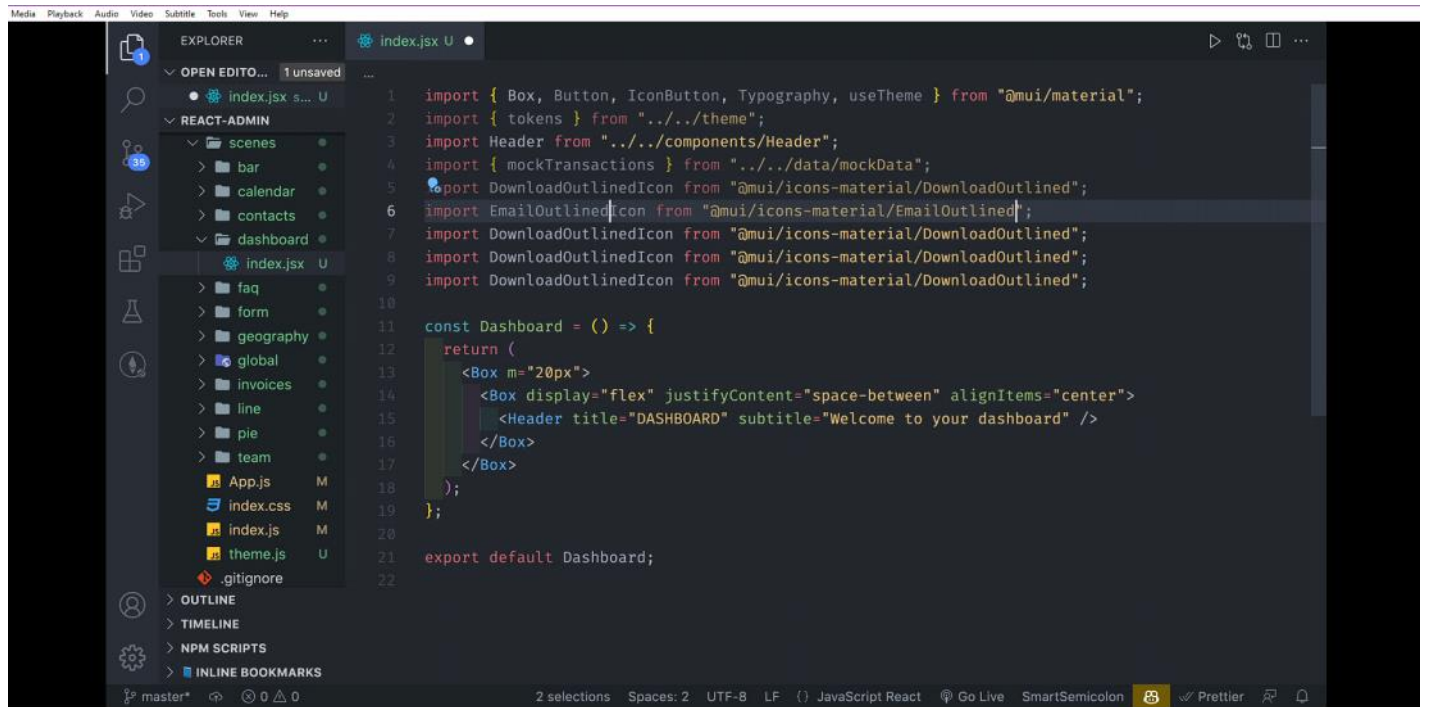
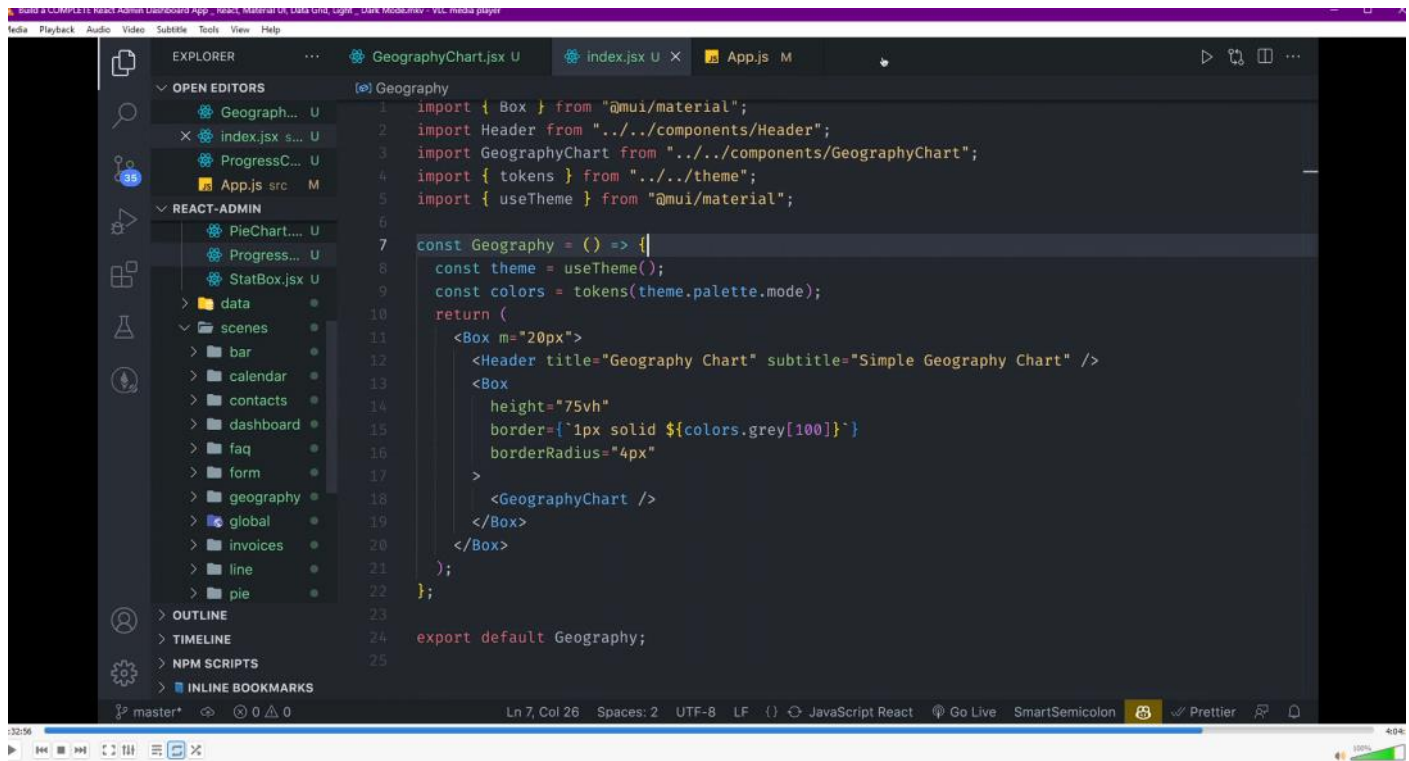
Visual Studio Code interface showing the Explorer, Search, and Run and Debug views. The Explorer view displays the file structure of the project, including the src directory and its subdirectories. The Search view shows the results of a search for "LineChart". The Run and Debug view shows the execution of the application.

```
1 import { ResponsiveLine } from "@nivo/line";
2 import { tokens } from "../theme";
3 import { useTheme } from "@mui/material";
4 import { mockLineData } from "../data/mockData";
5
6 const LineChart = () => {
7   const theme = useTheme();
8   const colors = tokens(theme.palette.mode);
9
10  return (
11    <ResponsiveLine
12      data={data}
13      margin={{ top: 50, right: 110, bottom: 50, left: 60 }}
14      xScale={{ type: "point" }}
15      yScale={{
16        type: "linear",
17        min: "auto",
18        max: "auto",
19        stacked: true,
20        reverse: false,
21      }}
22      yFormat=" >-.2f"
23      curve="catmullRom"
24      axisTop={null}
25      axisRight={null}
26      axisBottom={{
```

Visual Studio Code interface showing the Explorer, Search, and Run and Debug views. The Explorer view displays the file structure of the project, including the src directory and its subdirectories. The Search view shows the results of a search for "StatBox". The Run and Debug view shows the execution of the application.

```
1 import { Box, Typography, useTheme } from "@mui/material";
2 import { tokens } from "../theme";
3 import ProgressCircle from "../ProgressCircle";
4
5 const ST
```

setInterval Set Interval Function  
setTimeout Set Timeout Function  
switch Switch Statement  
expand template string









```
152      $59,342.32
153    </Typography>
154  </Box>
155
156  <Box>
157    <IconButton>
158      <DownloadOutlinedIcon
159        sx={{ fontSize: "26px", color: colors.greenAccent[500] }}
160      />
161    </IconButton>
162  </Box>
163 </Box>
164 <Box height="250px" ml="-20px">
165   <LineChart isDashboard={true} />
166 </Box>
167
168 { /* TRANSACTIONS */}
169 <Box>
170
171 </Box>
172 </Box>
173 </Box>
174 </Box>
175
176 };
```

```
181      p="15px"
182    >
183    <Typography
184      color={colors.grey[100]}
185      variant="h5"
186      fontWeight="600"
187    >
188      Recent Transactions
189    </Typography>
190  </Box>
191  {mockTransactions.map((transaction, i) => (
192    <Box
193      key={`-${transaction.txId}-${i}`}
194      display="flex"
195      justifyContent="space-between"
196      alignItems="center"
197      borderBottom={`4px solid ${colors.primary[500]}`}
198      p="15px"
199    >
200    <Box>
201
202    </Box>
203  </Box>
204  ))}
205 </Box>
```

