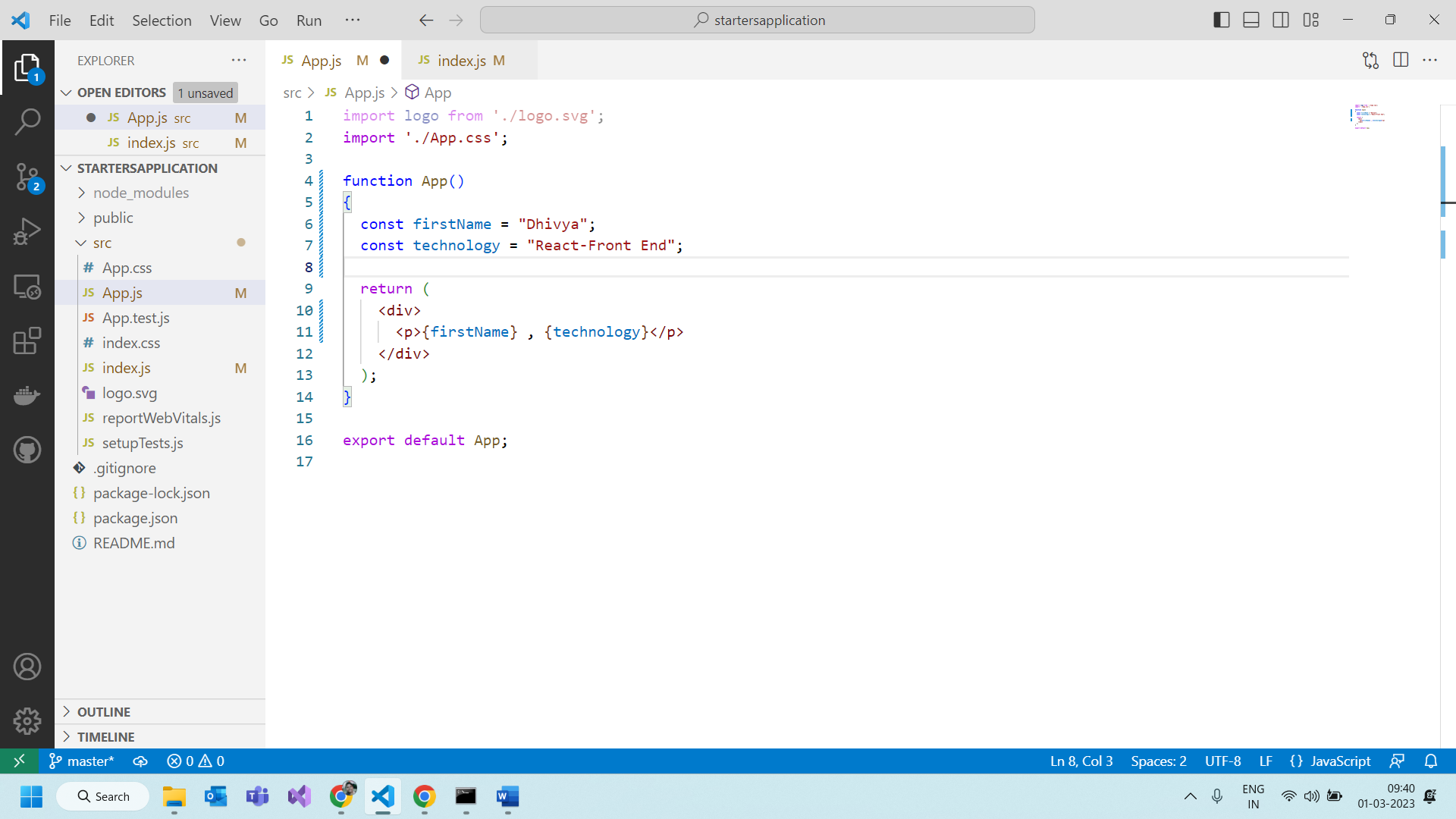
Step 1: Data binding with string variables:



Trying to display the data based on condition

Condition false.



The output will be :

Graphical user interface, application, Word

Description automatically generated

Condition is true:

Graphical user interface, text, application

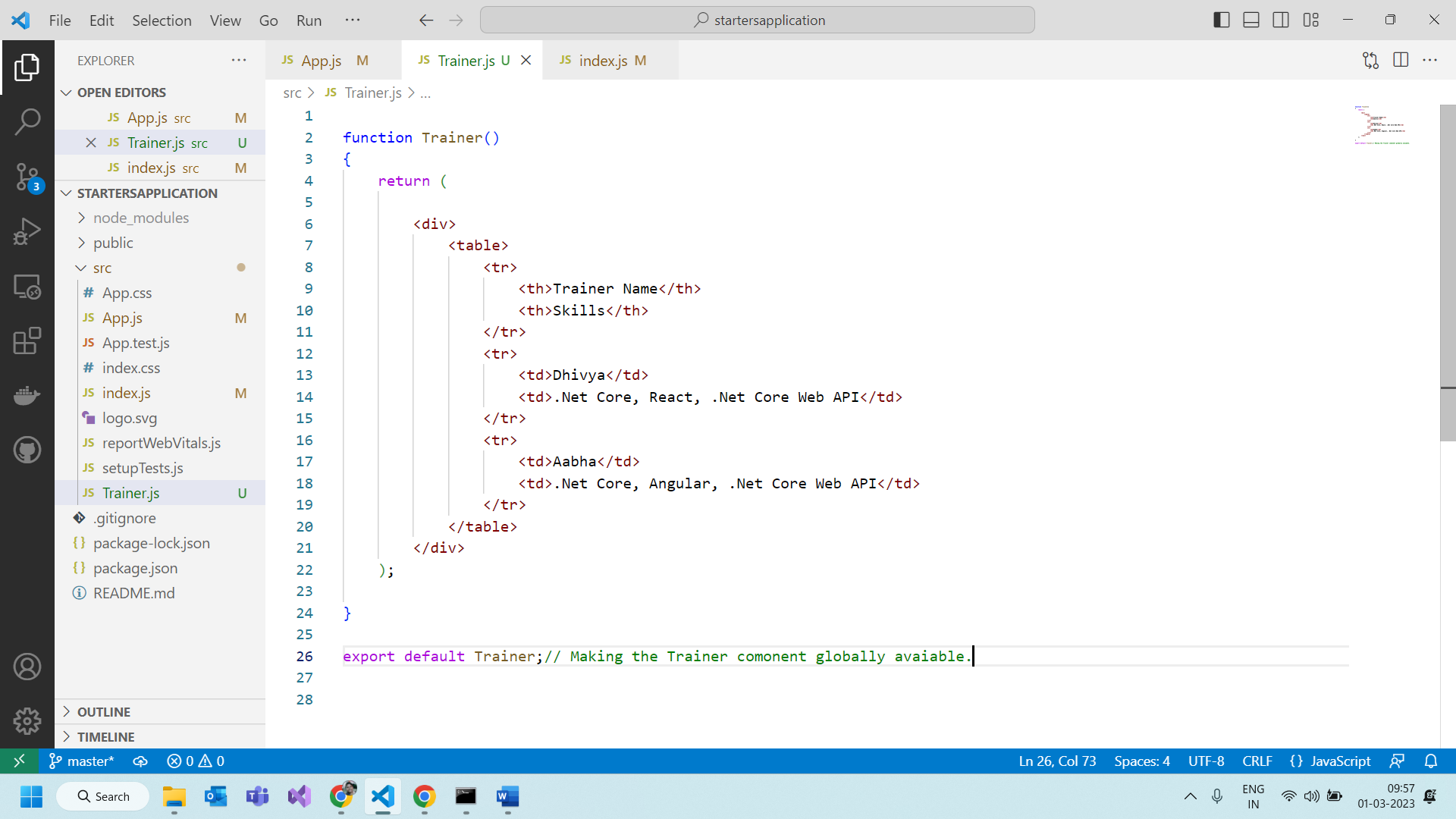
Description automatically generated

Output:

Graphical user interface, application, Word

Description automatically generated

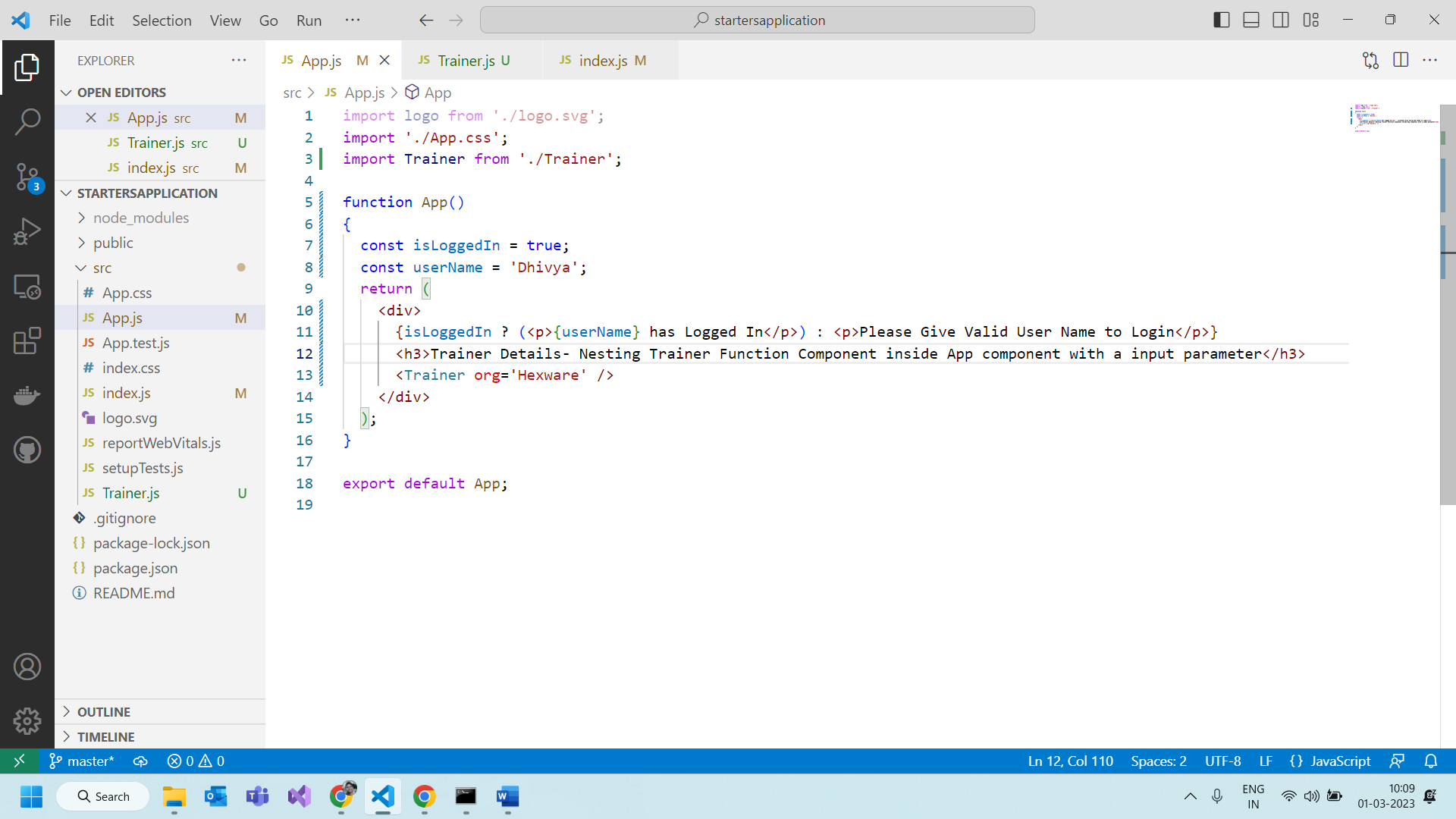
Creating another functional component



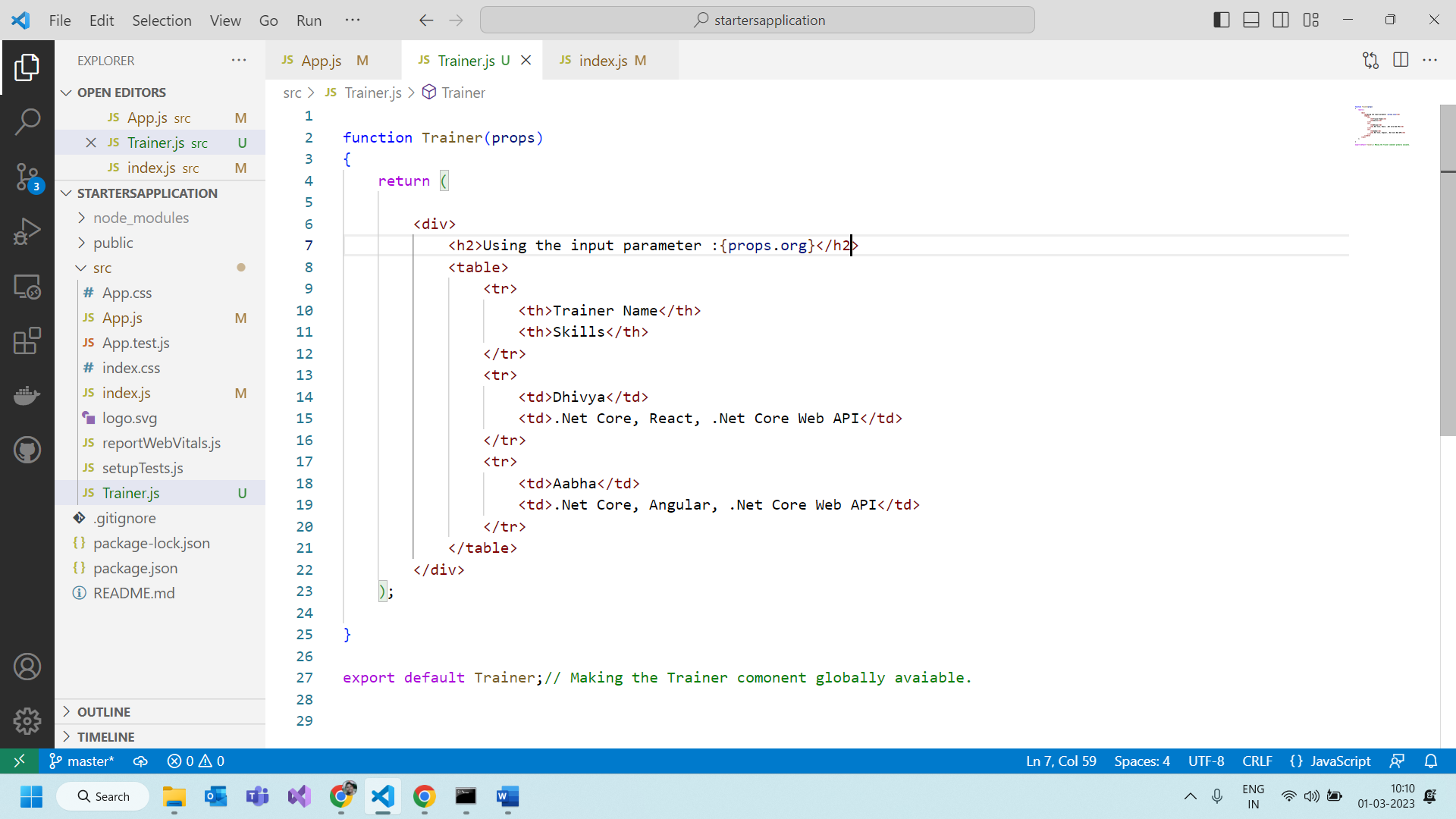
Graphical user interface, text, application

Description automatically generated

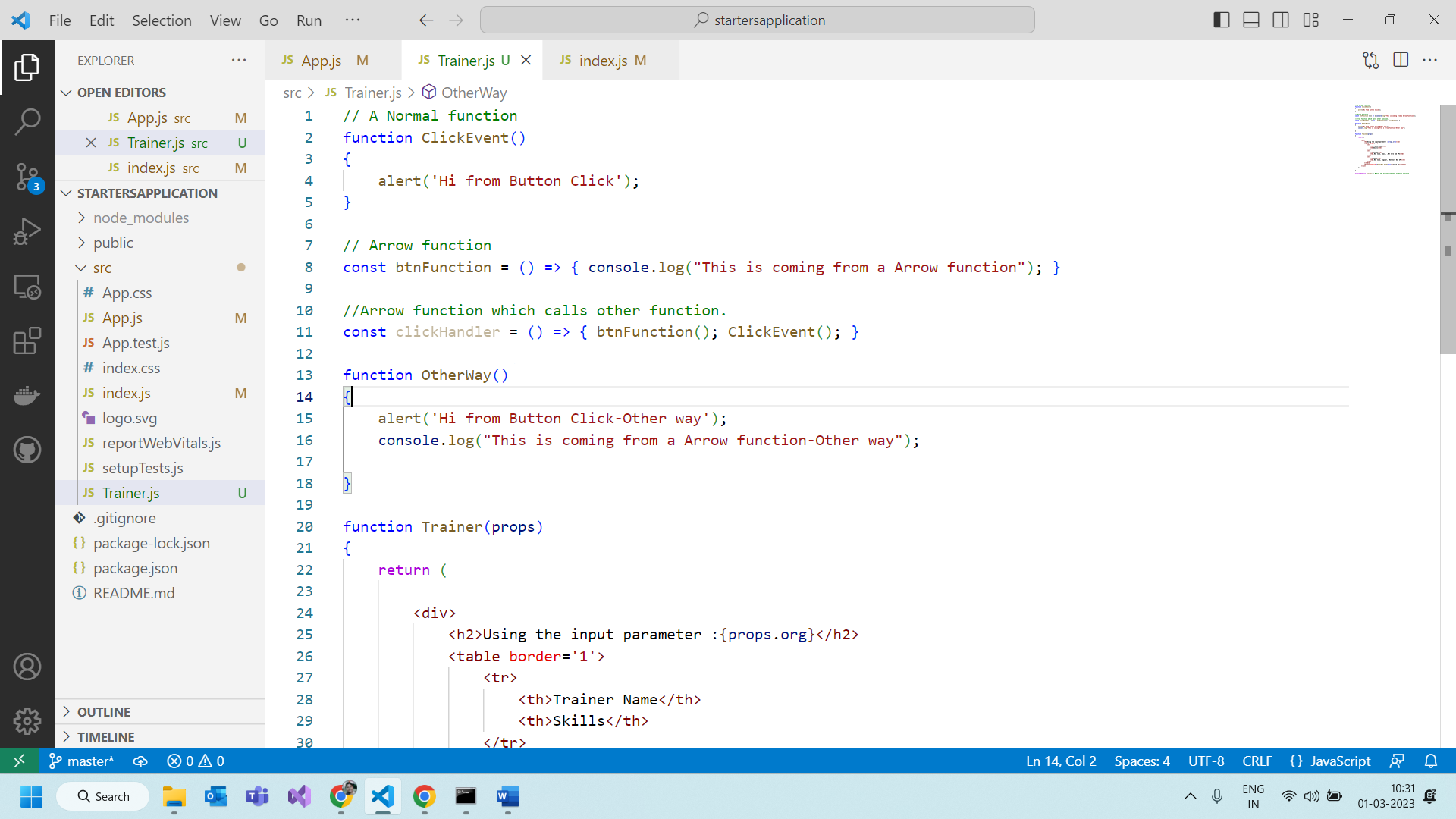
Function Component with input parameters:



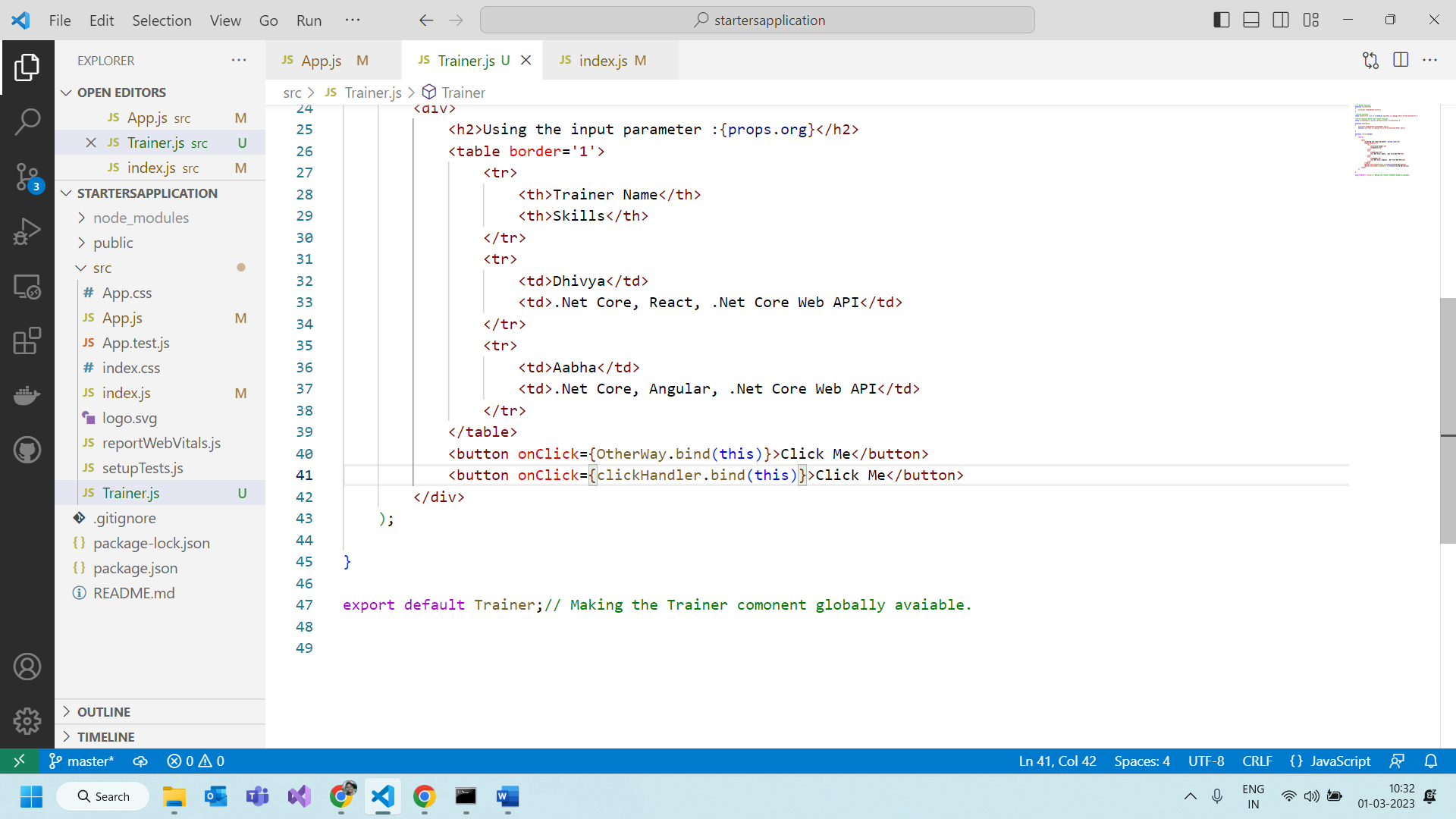
In trainer.js file:



Creating function using Arrow functions



Event binding in react



Passing arrays to the function component from parent component

Graphical user interface, text, application, email

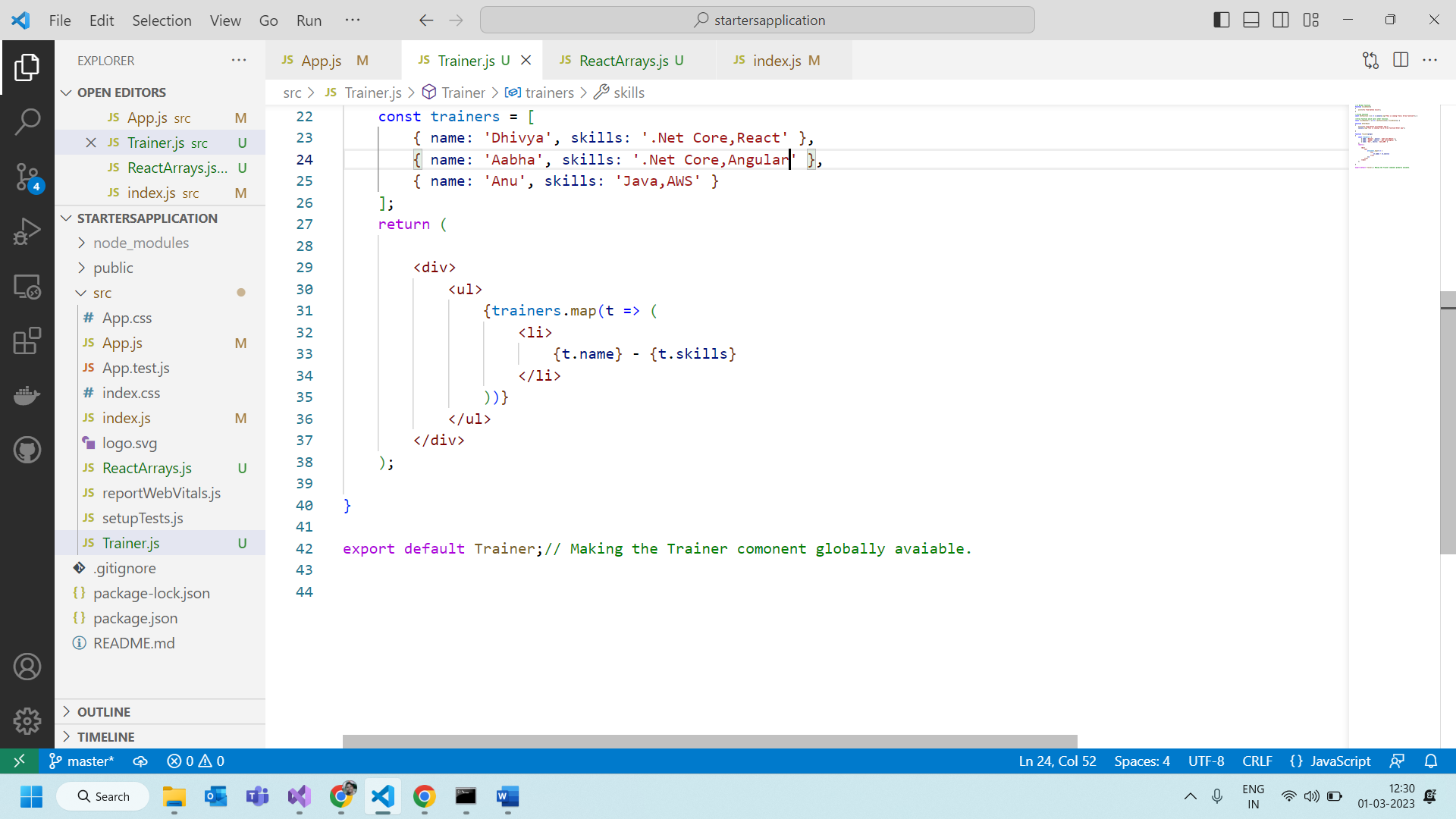
Description automatically generated

In the App.js

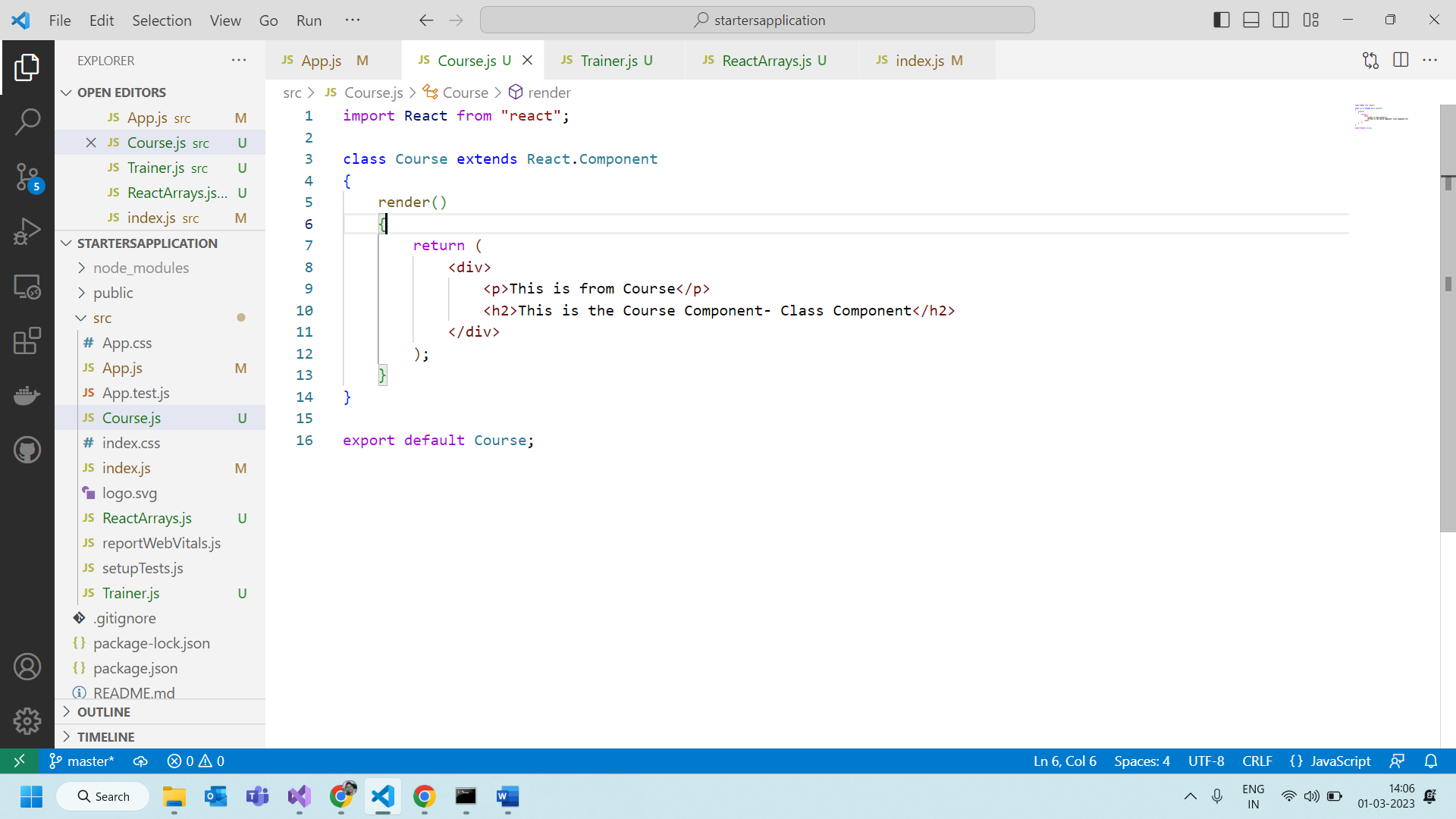
Graphical user interface, text, application

Description automatically generated

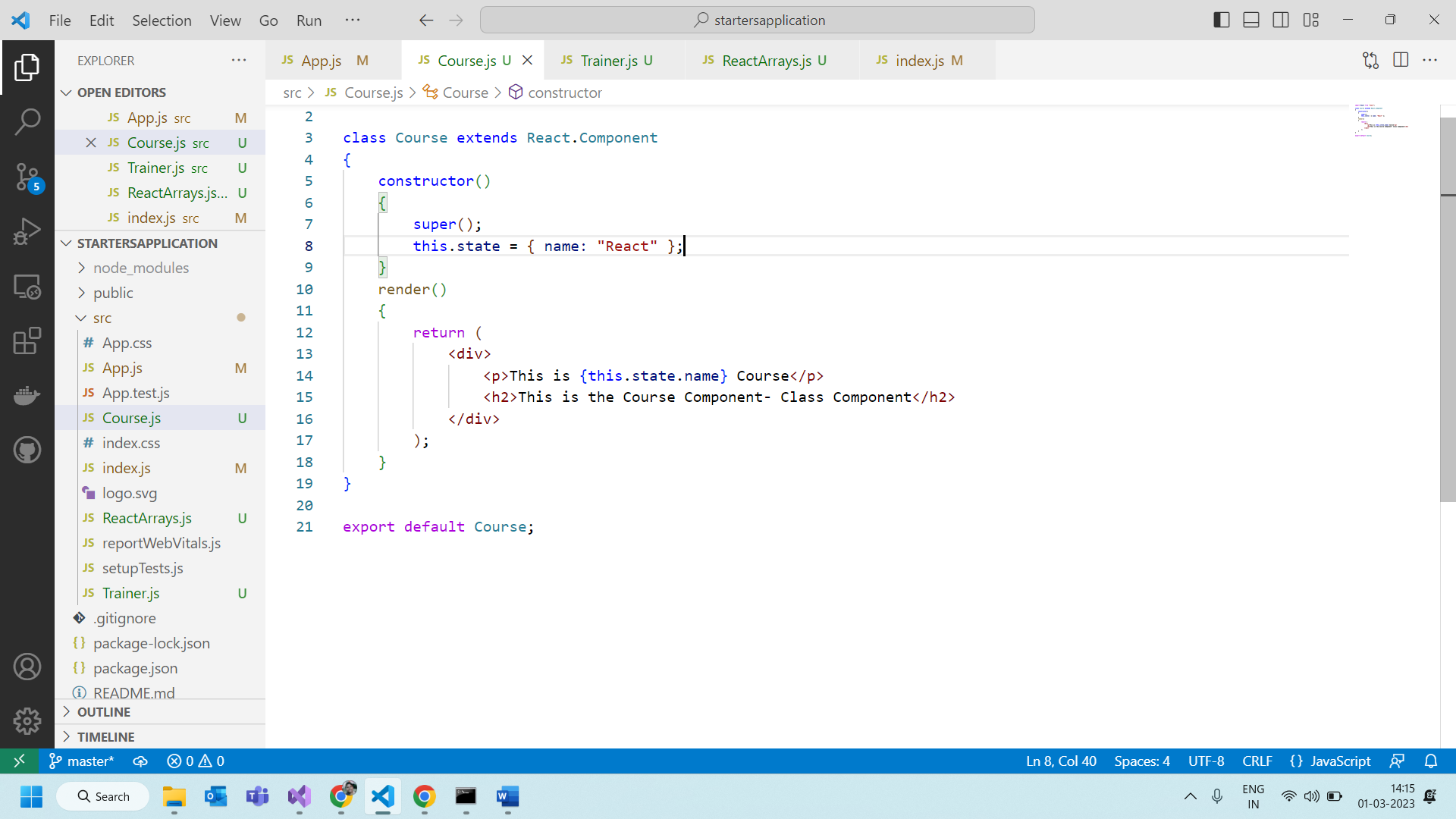
Using a complex array and printing it



Class Component:

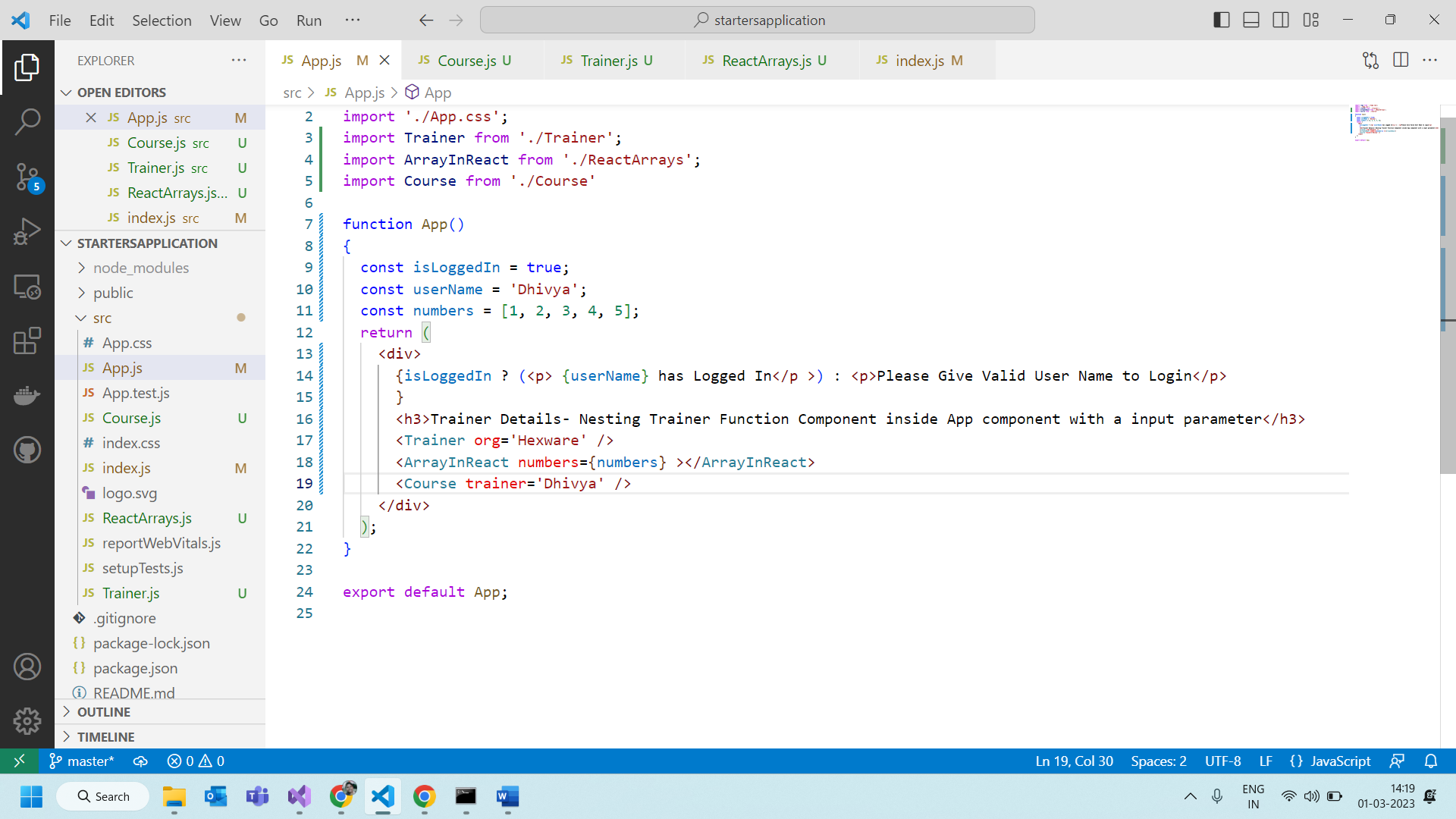


Class with properties and initialized using the constructor with this.state.



Managing the component properties using the props

In the app.js



In the Course.js

Graphical user interface, text

Description automatically generated

Many properties in Course class component

Graphical user interface

Description automatically generated with medium confidence

React Hooks

Include the namespace import {useState} from ‘react’;

Graphical user interface, text, application, email

Description automatically generated

UseState for string update.

Graphical user interface, text, application, email

Description automatically generated

Use State for an object to update a single property.

Graphical user interface, text, application

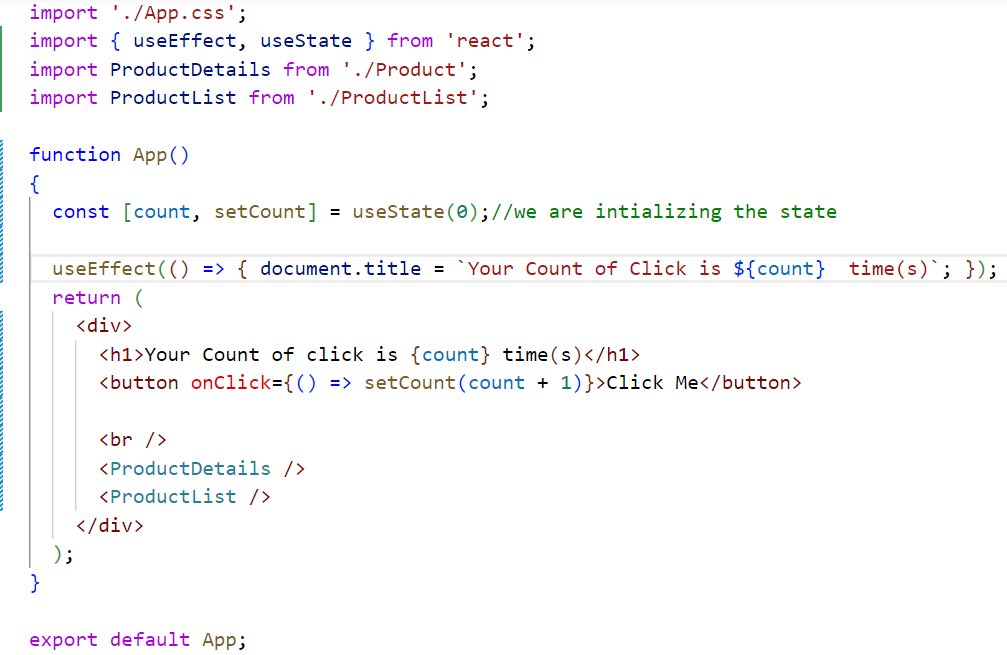
Description automatically generated

Text

Description automatically generated with low confidence

**Need to update any array element.**

UseEffect Hook with simple example:



Calling the Web API

Text

Description automatically generated