

# Debugging React Apps

Finding & Fixing Errors

## Module Content

Understanding Error Messages

Debugging & Analyzing React Apps

Using the React DevTools







Paused in debugger

Course Goal

Master React

Add Goal

Master React

Master React

Do all exercises!

Finish the course!

static/js

D:/مجلد جديد/React Js

node\_modules

src

components

CourseGoals

CourseGoalItem

CourseGoalItem.css

CourseGoalItem.js

CourseGoalList

CourseInput

UI/Button

App.css

App.js

index.css

index.js

webpack

bundle.js

CourseGoalItem.js

1 import React from "react";

2

3 import "../CourseGoalItem.css";

4

5 const CourseGoalItem = (props) => {

6 const deleteHandler = () => {

7 props.onDelete(props.id);

8 }

9

10 return (

11 <li className="goal-item" onClick={deleteHandler}>

12 {props.children}

13 </li>

14 );

15 }

16

17 export default CourseGoalItem;

18

Paused on breakpoint

Watch

Breakpoints

Pause on uncaught exceptions

Pause on caught exceptions

CourseGoalItem.js

props.onDelete(pro... 7

Scope

Local

this: undefined

Closure (CourseGoalItem)

Closure

(../src/components/CourseGoals/CourseGoalItem/CourseGoalItem.js)

Closure

Global

Window

Call Stack

Console

What's new

Warning: Encountered two children with the same key, `goal1`. Keys should be unique so that components maintain their identity across updates. Non-unique keys may cause children to be duplicated and/or omitted – the behavior is unsupported and could change in a future version.

at ul

at CourseGoalList (http://localhost:3000/static/js/bundle.js:253:21)

at section

at div

at App (http://localhost:3000/static/js/bundle.js:33:88)

PRE

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ENG

...

VS Code

Chrome

Firefox

Edge

IntelliJ

Xd

Telegram

WhatsApp

Intel

Game

Mail

Calendar

File Explorer

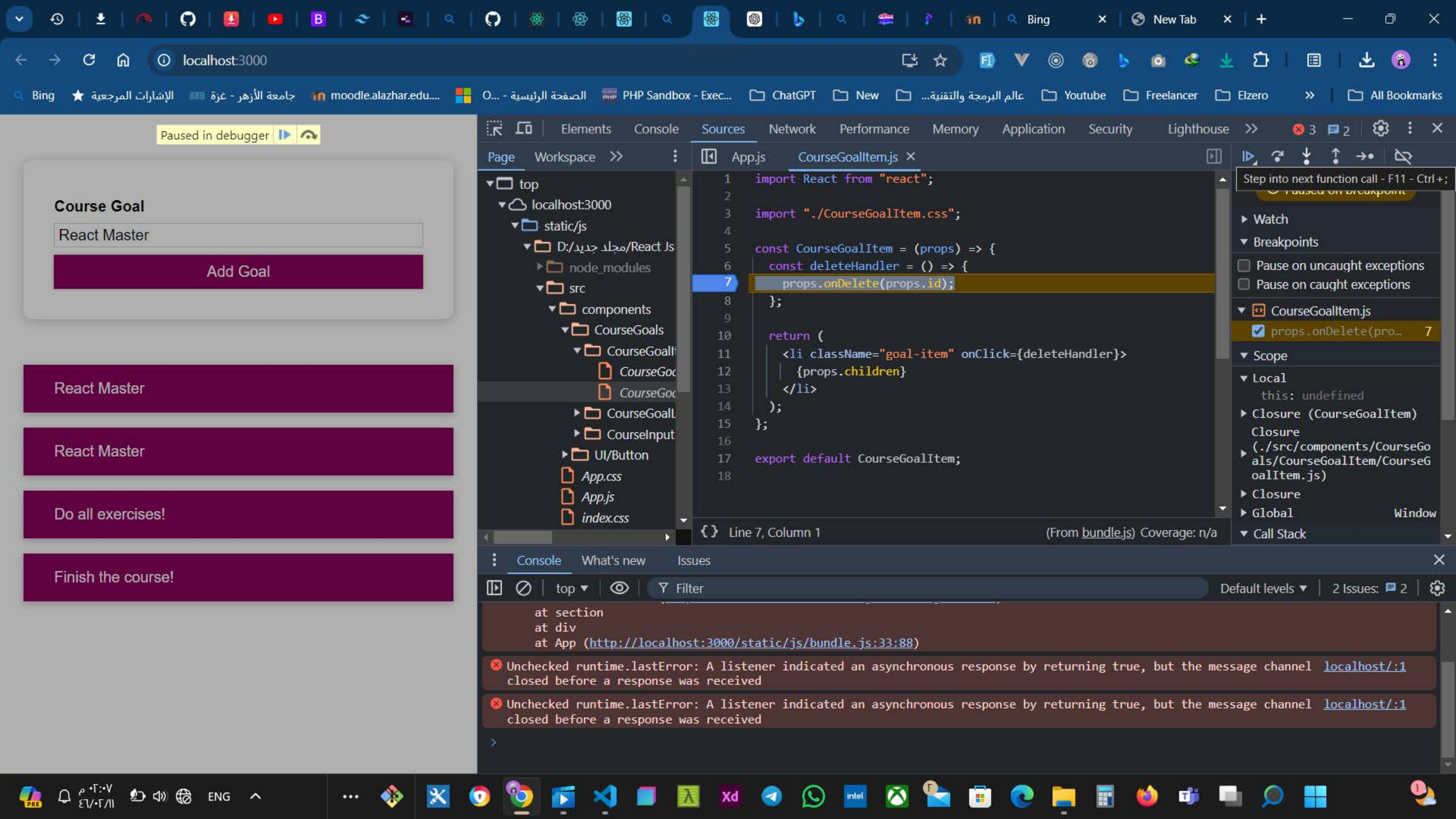
Task View

Search

Windows

1







Paused in debugger

Course Goal

React Master

Add Goal

React Master

React Master

Do all exercises!

Finish the course!

top

localhost:3000

static/js

D:/مجلد جديد/React Js

node\_modules

src

components

CourseGoals

CourseGoalItem.js

CourseGoalItem.css

CourseGoalItem.html

CourseGoalItem.js

CourseInput

UI/Button

App.css

App.js

index.css

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setCourseGoals((prevGoals) => {

const updatedGoals = [...prevGoals];

updatedGoals.unshift({ text: enteredText, id: "goal1" });

// updatedGoals.unshift({ text: enteredText, id: Math.random(

return updatedGoals;

});

const deleteItemHandler = (goalId) => { goalId = "goal1"

setCourseGoals((prevGoals) => {

const updatedGoals = prevGoals.filter((goal) => goal.id !== g

return updatedGoals;

});

let content = (

<p style={{ textAlign: "center" }}>No goals found. Maybe add on

);

Line 23, Column 1

(From bundle.js) Coverage: n/a

Console

What's new

Issues

at section

at div

at App (http://localhost:3000/static/js/bundle.js:33:88)

Unchecked runtime.lastError: A listener indicated an asynchronous response by returning true, but the message channel localhost/:1

closed before a response was received

Unchecked runtime.lastError: A listener indicated an asynchronous response by returning true, but the message channel localhost/:1

closed before a response was received

Step into next function call - F11 - Ctrl + ;

Watch

Breakpoints

Pause on uncaught exceptions

Pause on caught exceptions

CourseGoalItem.js

props.onDelete(pro... 7

Scope

Local

this: undefined

goalId: "goal1"

Closure (App)

Closure (./src/App.js)

Closure

Global

Window

Call Stack

Show ignore-listed frames

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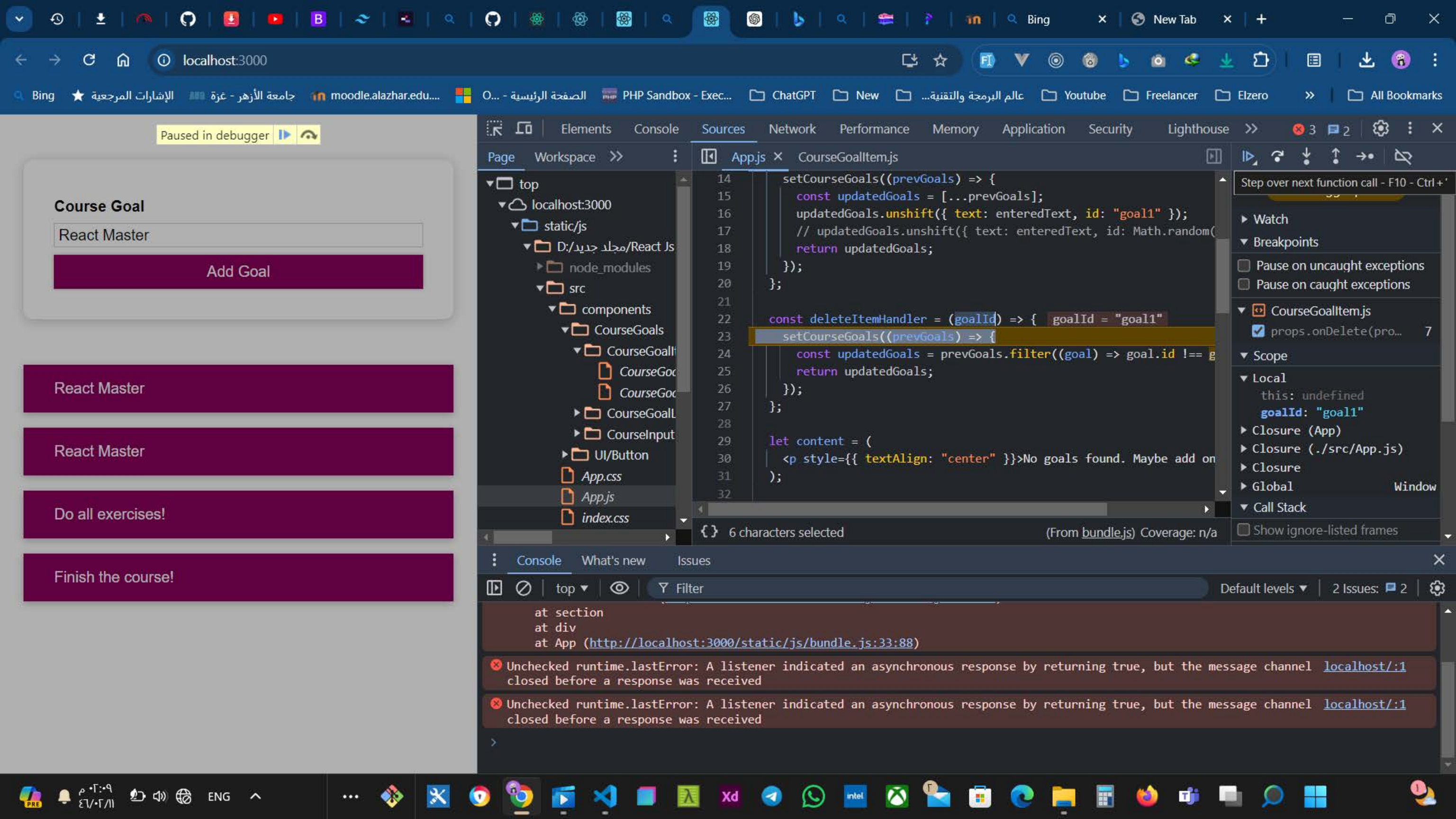
1000

```
goals.unshift({ text: enteredText, id: Math.random() });
return updatedGoals;
});
};

20
21
22 const deleteItemHandler = (goalId) => { goalId = "goal1"
23   setCourseGoals((prevGoals) => {
24     const updatedGoals = prevGoals.filter((goal) => goal.id !== goalId);
25     return updatedGoals;
26   });
27 };
28
29 let content = (
30   <p style={{ textAlign: "center" }}>No goals found. Maybe add on
31 );
32
```

"goal1"

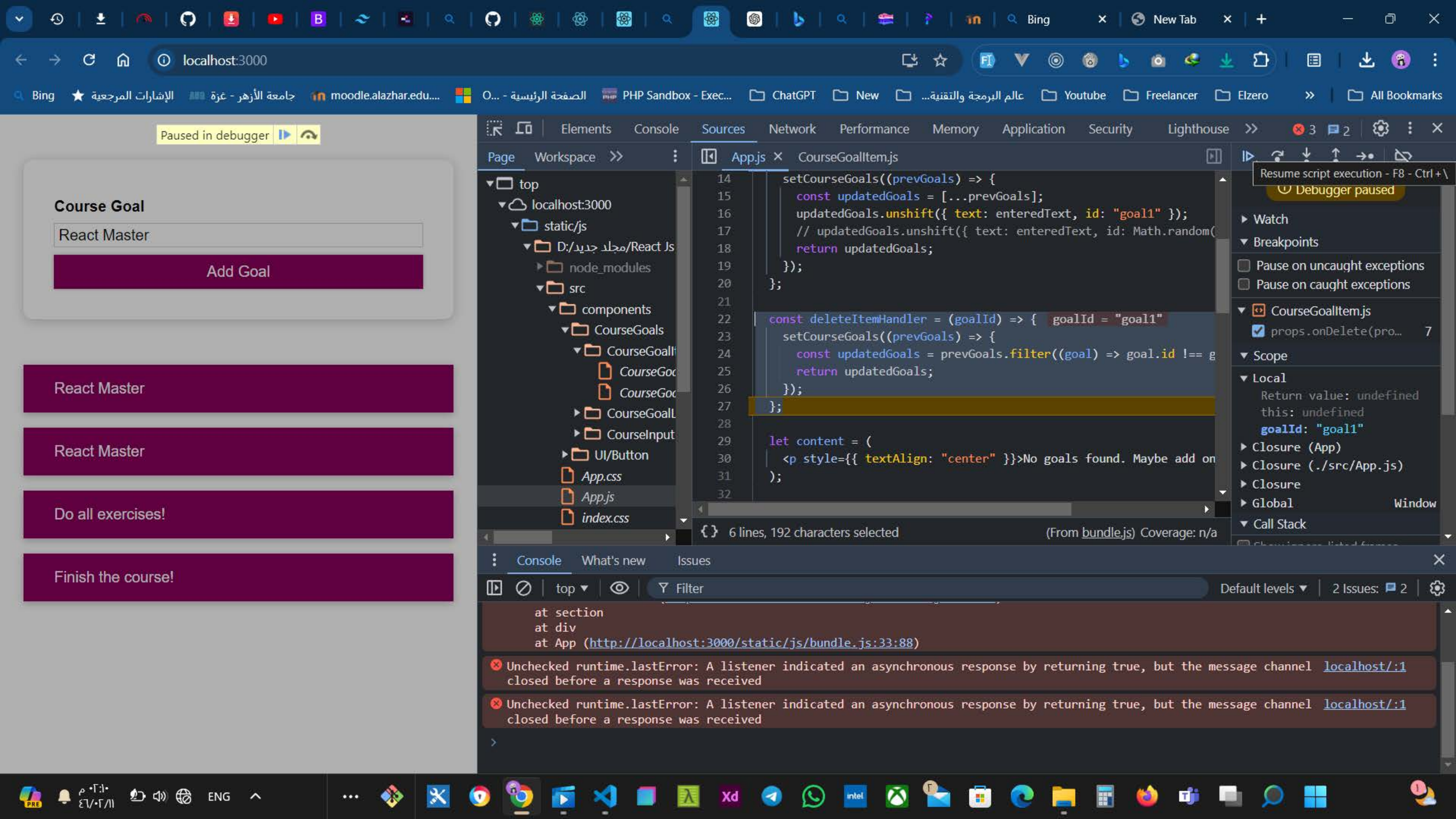














**Course Goal**

Add Goal

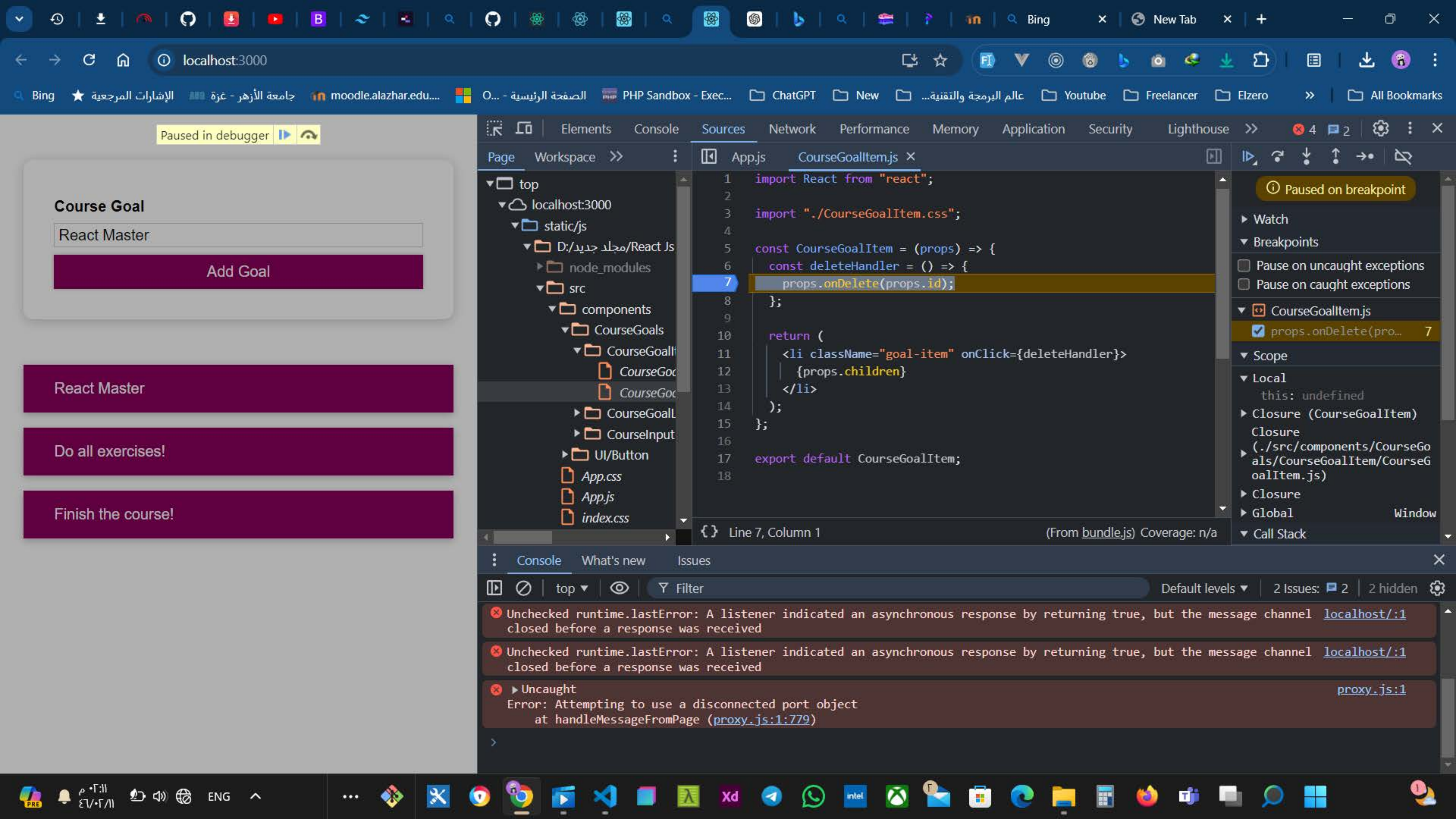
Do all exercises!

Finish the course!

The screenshot shows the Chrome DevTools interface. The Sources panel is open, displaying the `App.js` and `CourseGoalItem.js` files. The `App.js` file is selected, and the code is visible. The console shows three error messages:

- Unchecked runtime.lastError: A listener indicated an asynchronous response by returning true, but the message channel `localhost/:1` closed before a response was received
- Unchecked runtime.lastError: A listener indicated an asynchronous response by returning true, but the message channel `localhost/:1` closed before a response was received
- Uncaught Error: Attempting to use a disconnected port object at `handleMessageFromPage (proxy.js:1:779)`















```
18     return updatedGoals;
19   });
20 };
21
22   const deleteItemHandler = (goalId) => { goalId = "goal1"
23     setCourseGoals((prevGoals) => {
24       const updatedGoals = prevGoals.filter((goal) => goal.id !== g
25       return updatedGoals;
26     });
27   };
28
29   let content = (
```







```
2
3 const addGoalHandler = (enteredText) => {
4   setCourseGoals((prevGoals) => {
5     const updatedGoals = [...prevGoals];
6     updatedGoals.unshift({ text: enteredText, id: "goal1" });
7     // updatedGoals.unshift({ text: enteredText, id: Math.random()
8     return updatedGoals;
9   });
10 };
11
```