Multiplication Table

This page is built around the topic of arithmetic, in particular multiplication. I used the JavaScript framework React to create the page.

# Structure of the Page

When the page is loaded, the Settings screen appears first, on which settings for the query can be entered. After clicking on Create Table, a table appears over all selected rows. The query can be started on this screen, or you can return to the settings screen. When the query is started, the first two numbers appear. And three possible answers. Below that is a reset button and a button to return to the settings page.

# Trouble

Timekeeping was one of the biggest difficulties. In the React component SetExercise.js, a total of five methods are required for time measurement.

# Special

In the App.js component, I applied a special technique that gives the impression that the webpage is not just a one-page webpage. In the App.js constructor, I created three keys with the Boolean values true or false in the state object. With these switches, the impression of a multipage website can now be created.

# Outlook

I would also like to connect this page to an API. I would then like to store the time values in a database. And then use it for a scorer list.