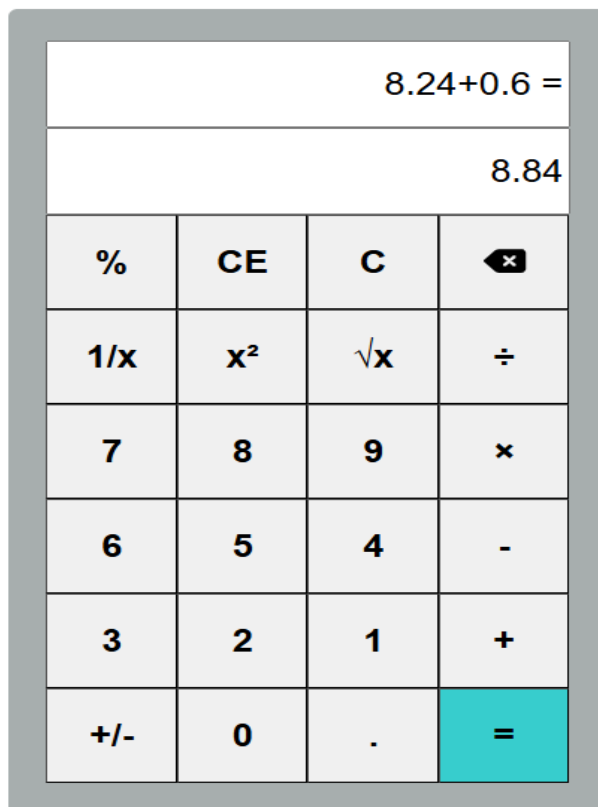


How-To (task 2)

Front end

- Used React library and import additional libraries for the calculator button symbols.
- Used (useState) to handle the value displayed on the screen.
- Used the <form> element to build the calculator layout.



Back end

Installed evaluation library which has built in function to evaluate the expression

Assumptions in evaluating

- **CE** and **C** has the same function (clear screen)
- **%** this for modulo function
- **square** and **root** buttons work only if they are after the number
- any incorrect expression the calculator print **"Error"**

Connections

Used (axios) library for React, thus Spring Boot post on /evaluate

I had a lot of errors because my browser blocked the connection and with the help of AI tools, I created a class called config to handle these errors.

Attachment

- (front end) folder for react package

Logic → frontend>calcweb>src>app.js

Style → frontend>calcweb>src>app.css

- (backend) folder for spring package

Classes in → backend>calculatorb>src>main>java>com>calc>calculatorb

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