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Branch : CSE

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Subject : Web Technology Lab

### Lab 9 assignment

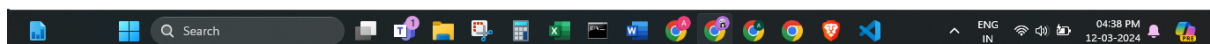
T1. Develop a currency converter application that allows users to input an amount in one currency and convert it to another. For the sake of this challenge, you can use a hard-coded exchange rate. Take advantage of React state and event handlers to manage the input and conversion calculations.

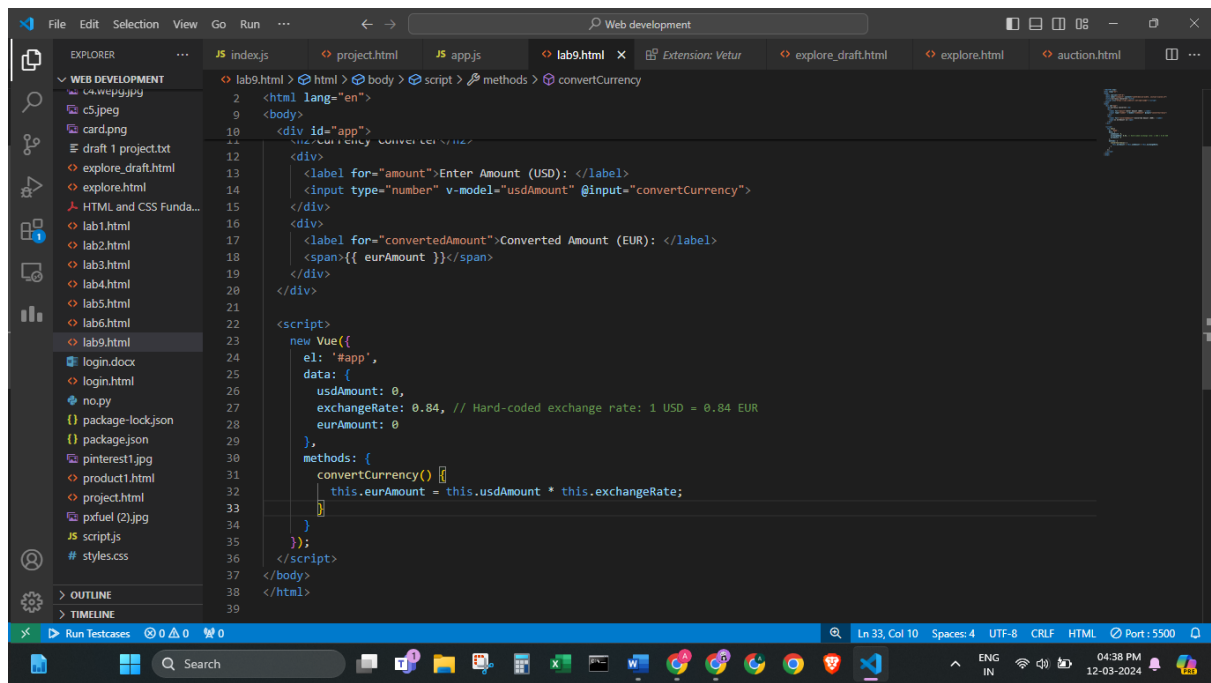


#### Currency Converter

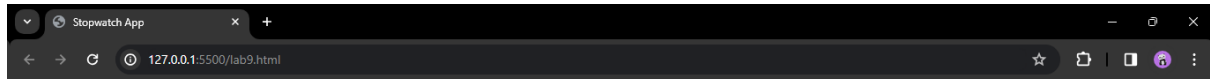
Enter Amount (USD):

Converted Amount (EUR): 84





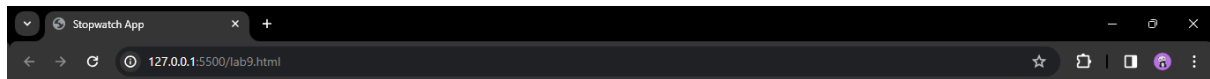
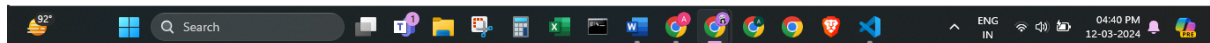
T2. Create a stopwatch application through which users can start, pause and reset the timer. Use React state, event handlers and the setTimeout or setInterval functions to manage the timer's state and actions.



## Stopwatch

00:00

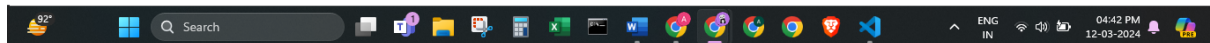
Start Pause Reset

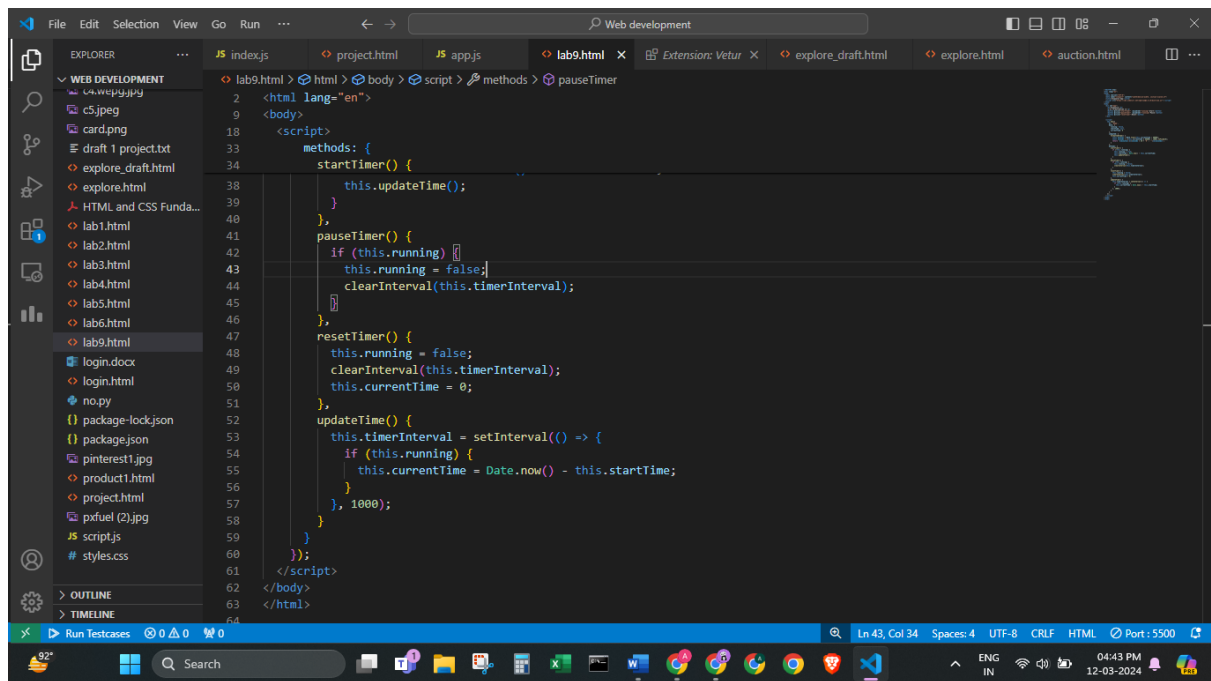


## Stopwatch

0:04

Start Pause Reset





T3. Develop a messaging application that allows users to send and receive messages in real time. The application should display a list of conversations and allow the user to select a specific conversation to view its messages. The messages should be displayed in a chat interface with the most recent message at the top. Users should be able to send new messages and receive push notifications.

