

# Activity 1: Clock

## Part 1:

In this assignment, you will need to output the following so that whenever you refresh your page manually, it will get the latest time.

Proceed to the next part once done with this.

## Part 2:

React app only updates what's necessary. Now, without refreshing the page, make the following work:

# Hello, world!

## It is 12:26:46 PM.



```
▼ <div id="root">
  ▼ <div data-reactroot="
    <h1>Hello, world!</h1>
    ▼ <h2>
      <!-- react-text: 4 -->
      "It is "
      <!-- /react-text -->
      <!-- react-text: 5 -->
      "12:26:46 PM"
      <!-- /react-text -->
      <!-- react-text: 6 -->
      ", "
      <!-- /react-text -->
    </h2>
  </div>
</div>
```

Even though we create an element describing the whole UI tree on every tick, only the text node

whose contents have changed gets updated by React DOM. You may need to recap what you learned in JS Track to have a thread running every second.