**Name**: Shibunath Shanker

**Problem** : Question 3 (Web-based stopwatches)

**Code Files:**

The code files consist of:

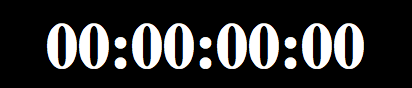
1. **watch**.**html** (HTML file to be run in the browser)
2. **watch.css** (Style sheet for the HTML file)
3. **watchforward.js** (Javascript to control the forward stopwatch)
4. **watchreverse.js** (Javascript to control the reverse stopwatch)

Comments have been included in each file to improve the readability and to gain understanding of the functions performed by each line of code.

**Features:**

* The interface consists of two stopwatches and an input field as per the question requirements.
* The two stopwatches are read-only.
* One watch moves in the forward direction and the other in the reverse.
* The input field titled ”**Counter** **Target**” inputs the **countTarget** which is the limit upto which the watch must time.
* The forward watch starts from **0** and counts upto **countTarget**.
* The reverse watch starts from **countTarget** and counts down to **0** in reverse.
* There are two sets of controls (**Start**, **Pause** and **Reset**) to control each watch.
* Once a watch reaches the target, both the **Start** and **Pause** buttons are **disabled** as per question requirements.
* On resetting, the **Start** and **Pause** buttons are enabled and the watches are back to starting count (0 for forward watch and **countTarget** for reverse watch).

**Time stamp of each watch**

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Seconds

Minutes

Hours

Days