

A - Create a watch:

ClockApp
<ul style="list-style-type: none">□ timezone: string□ clockContainer: HTMLDivElement□ clockElement: HTMLDivElement□ timeDisplay: HTMLHeadingElement□ modeButton: HTMLButtonElement□ increaseButton: HTMLButtonElement□ lightButton: HTMLButtonElement□ timeZoneOffset: number□ currentTime: Date□ adjustedTime: Date□ hours: number□ minutes: number□ millisecondsUntilNextMinute: number□ editable: number□ isLightOn: boolean
<ul style="list-style-type: none">● constructor(timezone: string)■ incrementAdjustedTime()■ updateTime()

B – Additional features:

ClockApp
<ul style="list-style-type: none">□ timeZoneOffset: int□ currentTime: Date□ adjustedTime: Date□ hours: int□ minutes: int□ use24HourFormat: bool□ editable: int□ isLightOn: bool○ modeButton: HTMLButtonElement○ increaseButton: HTMLButtonElement○ lightButton: HTMLButtonElement○ resetButton: HTMLButtonElement○ formatButton: HTMLButtonElement
<ul style="list-style-type: none">● constructor()● createTimeDisplay()● createClockElement()● createButtons()● setupEventListeners()● initializeClock()● updateTimeDisplay()● updateFormattedTime()● incrementAdjustedTime()● updateTime()● toggleMode()● adjustTimeAndSize()● toggleLight()● resetClock()

C – Watch animation:

