Modify Stop watch using following extensions.

- Add an additional signal, up to control direction of counting. Stopwatch counts when up signal is asserted and count down otherwise.
- Add a minute digit to display. LED display format should be like MSSD, where D represents 0.1 sec and range between 0 to 9, SS represents seconds in the range of 00 to 59 and M represents minutes and its range is between 0 to 9.
- Design the stopwatch and verify its operation.