Basketball Scoring, timer & 24-shot clock System

Use **PB0** as master reset switch.

Use **Score1** for the score of the 1st team (assume 0 to 255 score only). Use **Score2** for the score of the 2nd team. Use **PB1 & PB2** as up-down buttons for the 1st team and **PB3 & PB4** as up-down buttons for the 2nd team.

Display minutes:seconds (mm:ss) using the corresponding variables i.e. minutes for minutes and seconds for seconds . **SW1 = on**, resets the timer to 12:00. **SW2 = on**, counts down the displayed time. **SW2 = off**, pauses timer count down.

Use **sec.sec10th** to display remaining shot clock. **SW3 = on**, resets the timer to 24.0 seconds. **SW1 = on**, also resets the timer to 24.0 seconds. **SW4 = on**, counts down the shot clock. **SW4 = off**, pauses the shot clock.