

```

graph TD
    Start([Start]) --> Init[static buttonState = 0]
    Init --> Loop[for ( counter = 0; ( counter < 64; ( counter++ ) ]
    Loop --> Cond{if KB5 == 0}
    Cond --> Inc[Increment LATA]
    Inc --> End([ends when loop reaches 64])
    End --> Loop

```

```

graph TD
    Start([Start]) --> Init[static buttonState = 0]
    Init --> Loop[for (Counter = 0; Counter < 64; Counter++)]
    Loop --> Decision{if KB5 == 0}
    Decision -- True --> Increment[increment LATA]
    Increment --> SetState[buttonState = 1]
    SetState --> Loop
    Decision -- False --> EndState[buttonState = 0]
    EndState --> Loop
    Loop --> End([ends when loop reaches 64])

```

