Traffic Lights Activity – Programming Solution

Notes

• The red light is connected to pin P2 on the BS2, and remains on for 10 seconds.
• The yellow light is connected to pin P1, and remains on for 5 seconds.
• The green light is connected to pin P0, and is on for 30 seconds.

' {$STAMP BS2}
' {$PBASIC 2.5}

DO

HIGH 2
PAUSE 10000 ' red light on for 10 seconds
LOW 2

HIGH 1
PAUSE 5000 ' yellow light on for 5 seconds
LOW 1

HIGH 0
PAUSE 30000 ' green light on for 30 seconds
LOW 0

LOOP ' repeat indefinitely