**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