

Activity Solution (Traffic Light)

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
```