```
                        ┌─────────────┐
                        │    Start    │
                        └──────┬──────┘
                               │
                    ┌──────────▼──────────────────────┐
                    │ Initialise the LED sensors and   │
                    │ temperature sensors              │
                    └──────────┬───────────────────────┘
                               │
                    ┌──────────▼───────────┐
                    │ Read temperature      │
                    │ values                │
                    └──────────┬───────────┘
                               │
                    ┌──────────▼───────────┐
                    │ Check temperature     │
                    │ values?               │
                    └──────────┬───────────┘
                               │
```

Start

Initialise the LED sensors and temperature sensors

Read temperature values

Check temperature values?

Is the temperature within 18-24 degrees celsisu? — Yes → Turn on green light and keep lit continously

No

Is temperature less than 18 degrees celsius? — Yes → Blink yellow LED lights at 0.5s intervals

No

Is temperature greater than 24 degrees celsius? — Yes → Bilnk Red led light at 0.25s intervals

Loop after each temperature reading generated.

END