```
Start

|

Initialize Arduino

|

Initialize plot

|

While true------------------------+

|                                 |

Read temp                         |

Update array                      |

Update plot                       |

Temp 18-24°C?                      |

|               |                  |

Yes            no                  |

Green on        |                  |

          Temp < 18?              |

              |        |          |

            Yes       no          |

              |         |

        Blink  yellow      blink red

            |               |

          [pause 1 second]

                  |

              Loop
```