Get Voltage from Arduino

Wait 0.25 seconds.

Turn Red LED on

Turn Red LED off

Wait 0.25 seconds

Wait 0.5 seconds.

Turn Red Yellow off

Wait 0.5 seconds.

Yes

No

Yes

Stop updating,

Is point further than x limit placed?

Update point on graph.

Calculate temperature.

Yes

No

Is temperature above 24 degrees?

Turn Red Yellow on

Is temperature Below 18 degrees?

No

Turn Green LED on