yes

o

Read temp sensor

Monitor temp

Start infinite loop

Initialise setup of arduino

Start

no

no

Turn on yellow LED, flashing 0.5s

Turn on red LED, flashing 0.24s

yes

o

Temp above 24 deg?

no

yes

Turn on green LED, flashing 1s

yes

o

Temp between 18 – 24 deg?

Temp below 18 deg?

no