Display Help

Necessary libraries

Nanogui: This has important classes such as:

- Meter -> Meter(CWriter_value, row, col, height, width, fgcolor, bgcolor, ptcolor, bdcolor, divisions, label(String), style=Meter.BAR, legends, value()[optional])
  Meter object has a function called value (Meter.value(*value, function*))
  Function takes a call-function that fires when condition is met (*see below*)
- LED -> LED(CWriter_value, row, col, height, fgcolor, bgcolor, label)
  Used to create a label or text (LED_object.text(*string*)).
- Refresh -> (device, True)

Writer: This has important classes such as:

- Writer
- CWriter -> CWriter_value = CWriter(*device*, *font*, *foreground*, *background*, verbose=False)
  CWriter_value.set_clip(row_clip(set to True), col_clip(set to True), wrap(set to False))

ST7735: This has important classes such as:

- Display -> Display(spi, SPI_CS, SPI_DC)
- Color565 -> To get different colors (GREEN = color565(0, 255, 0), RED = color565(255, 0, 0))

Helpful Snippets

```
sck = Pin(18)
miso= Pin(19)
mosi= Pin(23)
SPI_CS = 26
SPI_DC = 5
spi = SPI(2, baudrate=32000000, sck=sck, mosi=mosi, miso=miso)

import fonts.arial10 as arial10
import fonts.freesans20 as freesans20
```

Function

```
color = lambda v : RED if v > 30 else YELLOW if v > 27 else BLUE
```

Use with Meter

```
Meter.value(temp, color)
```