

To show MERRY CHRISTMAS on the ssd1306 at position 0,0

```
display.text("MERRY CHRISTMAS",0,0)
display.show()
```

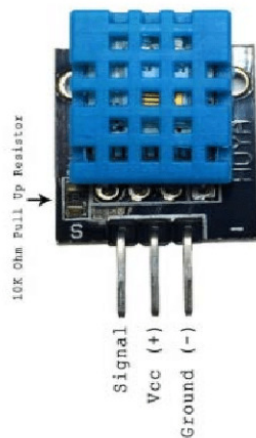
It can also be done like this

```
greeting=" MERRY CHRISTMAS"
display.text(greeting,0,0)
```

the next sensor which I would like you all to test is the dht11 temp/humidity sensor.



Do take note of the pin configuration. A wrong connection may fry the sensor.



To test this sensor – Wiring as follows:

Vcc -> 3V

Ground -> GND

Signal -> GPIO 15 (you can chose any GPIO pin you like)

#Libraries

```
import dht
```

```
from machine import Pin
```

```
import time
```

```
#setup
```

```
sensor = dht.DHT11(Pin(15))
```

```
#logic / program
```

```
sensor.measure()
```

```
temperature = sensor.temperature()
```

```
humidity = sensor.humidity()
```

```
print(temperature, humidity)
```

Challenge:

Combine this with the ssd1306 and display on the screen the reading as follows:

**Temp: 28 C**

**Humidity : 80 %**

Take temperature and humidity readings every 20 seconds. You can use a hair dryer to vary the temperature and humidity of the dht11 and see the readings change.

Have fun