**4.1. Flow and Temperature Sensing**

Serial.print(l\_hour)

l\_hour = (flow frequency\*60/7.5)

Provide increment in flow frequency

Initialize current time

Initialize pins for Temperature and Flow Sensors

No address found

No

Yes

Search address of temperature sensor

Serial.print (Celsius)

Celsius = (float) raw / 16

Raw data=(raw)+12-data[0]

Raw data=(raw)+12-data[0]

Get raw=data[1]<<8/data[0]

Convert to 12-bit resolution

Convert 9-bit data resolution

Select the sensor

START