sketch.ino ● diagram.json ● Library Manager

```
#include "DHT.h"

#define DHTPIN 2
#define DHTTYPE DHT22   // DHT 22  (AM2302), AM2321

DHT dht(DHTPIN, DHTTYPE);

void setup() {
  Serial.begin(115200);
  Serial.println(F("DHT22 example!"));

  dht.begin();
}

void loop() {
  float temperature = dht.readTemperature();
  float humidity = dht.readHumidity();

  // Check if any reads failed and exit early (to try again
  if (isnan(temperature) || isnan(humidity)) {
    Serial.println(F("Failed to read from DHT sensor!"));
    return;
  }

  Serial.print(F("Humidity: "));
  Serial.print(humidity);
  Serial.print(F("%  Temperature: "));
  Serial.print(temperature);
  Serial.print(F("°C "));
```

Simulation

00:38.587 71%

DHT22

Pause

```
Humidity: 80.50%  Temperature: 42.10°C
Humidity: 80.50%  Temperature: 42.10°C
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Humidity: 80.50%  Temperature: 42.10°C
Humidity: 80.50%  Temperature: 42.10°C
Humidity: 80.50%  Temperature: 42.10°C
Humidity: 37.50%  Temperature: -6.50°C
Humidity: 37.50%  Temperature: -6.50°C
Humidity: 37.50%  Temperature: -6.50°C
Humidity: 37.50%  Temperature: -6.50°C
Humidity: 37.50%  Temperature: -6.50°C
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```