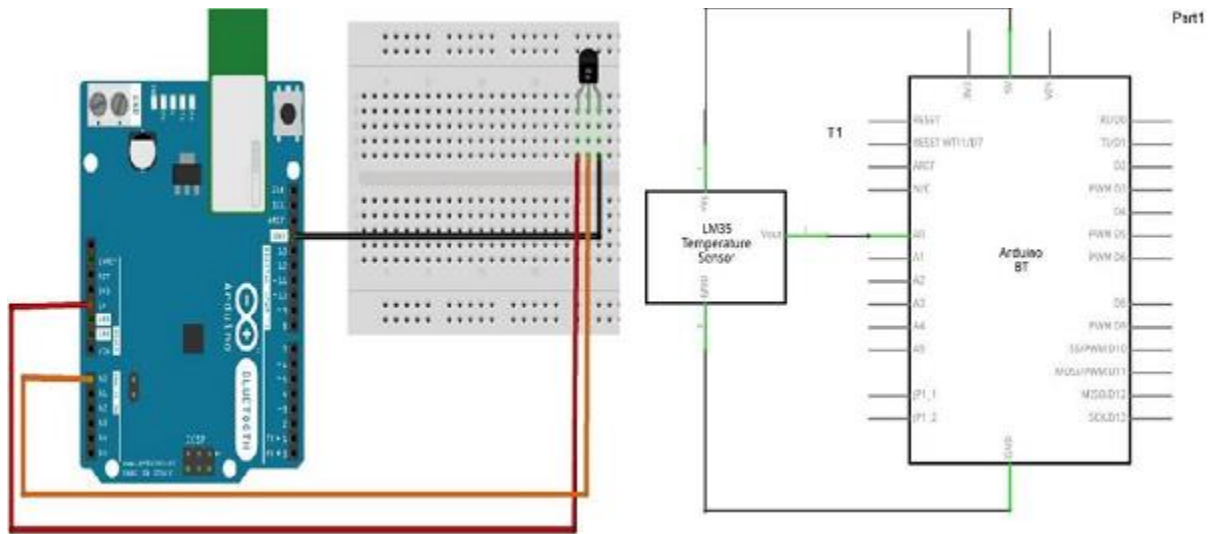


4. DHT Sensor



```
#include <LiquidCrystal.h>
```

```
#include "DHT.h"
```

```
#define DHTPIN 8
```

```
LiquidCrystal lcd(12, 11, 5, 4, 3, 2);
```

```
#define DHTTYPE DHT11
```

```
DHT dht(DHTPIN, DHTTYPE);
```

```
void setup() {
```

```
    lcd.begin(16, 2);
```

```
    dht.begin();
```

```
    lcd.print("Temp: Humidity:");
```

```
}
```

```
void loop() {
```

```
  delay(500);
```

```
  lcd.setCursor(0, 1);
```

```
  float h = dht.readHumidity();
```

```
  float f = dht.readTemperature(true);
```

```
  if (isnan(h) || isnan(f)) {
```

```
    lcd.print("ERROR");
```

```
    return;
```

```
  }
```

```
  lcd.print(f);
```

```
  lcd.setCursor(7,1);
```

```
  lcd.print(h);
```

```
}
```