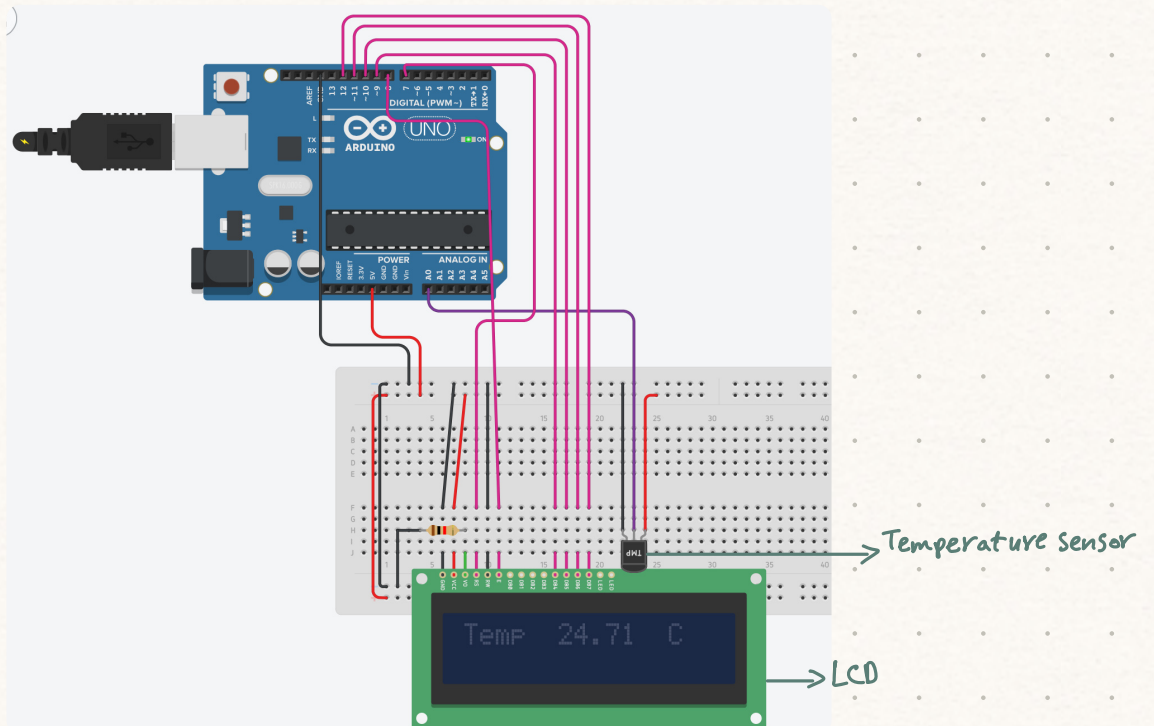


Temperature sensor

My Circuit:



Code:

```
1 #include <LiquidCrystal.h>
2
3 int tempPin=0;
4
5 LiquidCrystal lcd(7, 8, 9, 10, 11, 12);
6
7 void setup()
8 {
9   lcd.begin(16, 2);
10 }
11
12 void loop()
13 {
14   int tempReading = analogRead(tempPin);
15   float tempVolts = tempReading * 5.0 / 1024.0;
16   float tempC = (tempVolts - 0.5) * 100.0;
17   lcd.print("Temp          C ");
18   lcd.setCursor(6, 0);
19   lcd.print(tempC);
20   delay(10000);
21 }
22
```