

Noor is learning about using computational tools to collect data.

1. Create a block-based program to measure the temperature using a microcontroller, LED grid and temperature sensor component, then execute the program.

The program will:

- store the temperature value in a variable
- output the temperature value using the LED grid

Arduino run first:

Arduino loop forever:

The code consists of the following blocks:

- Setup** block: Version 1
- set** block: int_temperature to
- Display String** block: "Light: " for 100 Milliseconds
- Read Temperature** block: Celsius (C)
- Display Number** block: int_temperature for 100 Milliseconds