EMB2

Practice Assignment 4

Implement a temperature monitor that shows the following information on the LCD:

  - Current ambient temperature
  - Maximum temperature
  - Minimum temperature

- Update the current ambient temperature every 1s
- Save the current min and max temperature into the EEPROM every time the min/max temperature has changed.
- If you restart the microcontroller, load the min and max values from the EEPROM
- Implement the functionality that if you press button 4, you reset both min and max (and from now on you will acquire new values for min and max which would be stored in the EEPROM)

Hand in should contain code, explanations and description of the test runs + results (a printscreen from the Serial Monitor).

Deadline: **28/03 - 2025**