1. Download the EEPROM example code from Arduino website.

URL: https://www.arduino.cc/en/Tutorial/LibraryExamples/EEPROMRead image developed using Fritzing. For more circuit examples, see the Fritzing project page

Code



2. Replace code section on line 27-30 with a single Serial.print().

The cast to char will convert the byte returned by EEPROM.read() to an ascii character.

```
Serial.print(address); 26
Serial.print("\t"); 27
Serial.print(value); 28
Serial.print(value); 28
Serial.println(); 29

Serial.println(); 29

Serial.println(); 29
```

Original Replaced

3. Compile the .ino File with arduino-cli (https://github.com/arduino/arduino-cli). The FQBN "arduino:avr:nano" was chosen based on the ATMega328p microcontroller which is used in the Arduino Nano.

The verbose Flag (-v) was used to find the Temp Directory where the compiled file was saved. It is not required for compilation.

```
o>arduino-cli compile -b arduino:avr:nano -v
```

4. Upload the compiled .hex file (not the file with the bootloader) to the ReadEEPROM page & flash the firmware.



5. The serial output contains the flag.

2021-04-24T16:41:41 HL{d85fba6c-8cbb-46d6-b3c3-6e12af06c8fa}���