9a.

When dividing the adc reading with the max reading the integer value will be below 1 which will be rounded down to 0.

Multiply by a scaling factor before dividing.

9b.

The output is:

Et billede, der indeholder hvid, design

Automatisk genereret beskrivelse

9c.

Print is sending ascii text and write is binary data.

11a.

A form of digital communication called inter-integrated circuit using half duplex (one line both ways communication) and a master clock. It is used widely for its simplicity.

11b.

It saves computational power to only send changes of the message that should be printed, and not sending the same message over and over again.