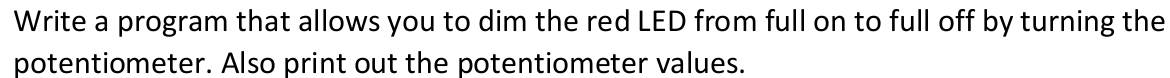
ICT & Technology

Week 4 – Chapter 3

Evidence

Arduino LED with dimmer

**Problem 1:**

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**Action:**

**A screen shot of a computer program

Description automatically generated**

* analogRead() - Reads the value from the seonsorPin
* map() - Re-maps a number from one range to another (from 0 to 1023 to 0 to 255)
* analogWrite() - Writes an analog value to ledPin

This code reads the value from the sensor pin, the value is then mapped to a needed value (0-255) and then it is written on the led pin to change the light.

Link to the video with the Arduino:

<https://drive.google.com/file/d/1UOD2VK3F1ICknjsFt_CnNoNtuZe5J4m0/view?usp=drive_link>