0Champlain Regional College at Lennoxville

Computer Science Technology Program

Internet of Things 2 - 420-520-LE

Laboratory 2 Report

Student’s Name: Murtaza

1. On step 4 of Lab’s instructions, you were asked to modify the code so you can print on the terminal “dark” when the luminosity is below 10 lux and “light” when the luminosity is over 10 lux. Attach the link to your repo in the empty space: (2 points):
2. On step 5 of the Lab’s instructions, you were asked to add a LED to one of the GPIO ports and modify your code so every time that someone turns on the lights on your room an alarm is triggered (the LED is ON). Attach the link to your repo in the empty space: (1 point):

BOTH ARE IN THE SAME REPO: https://github.com/Nightl1/Lab2IOT2

1. A picture containing schematic

   Description automatically generatedConsider the diagram below. If the value of LDR = 10MΩ what is the value of the voltage at the green dot (ANALOG) (2 points)?

5V is the answer since it’s approximatively the half of it.