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| **Subject Name and Code:-** Foundation Skills On Sensor Interfacing (01CT1103) | **Date of Experiment:- 18-11-2022** |

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| Task:- |  |

Interface Potentiometer and Turn on the LED if the value is beyond threshold.

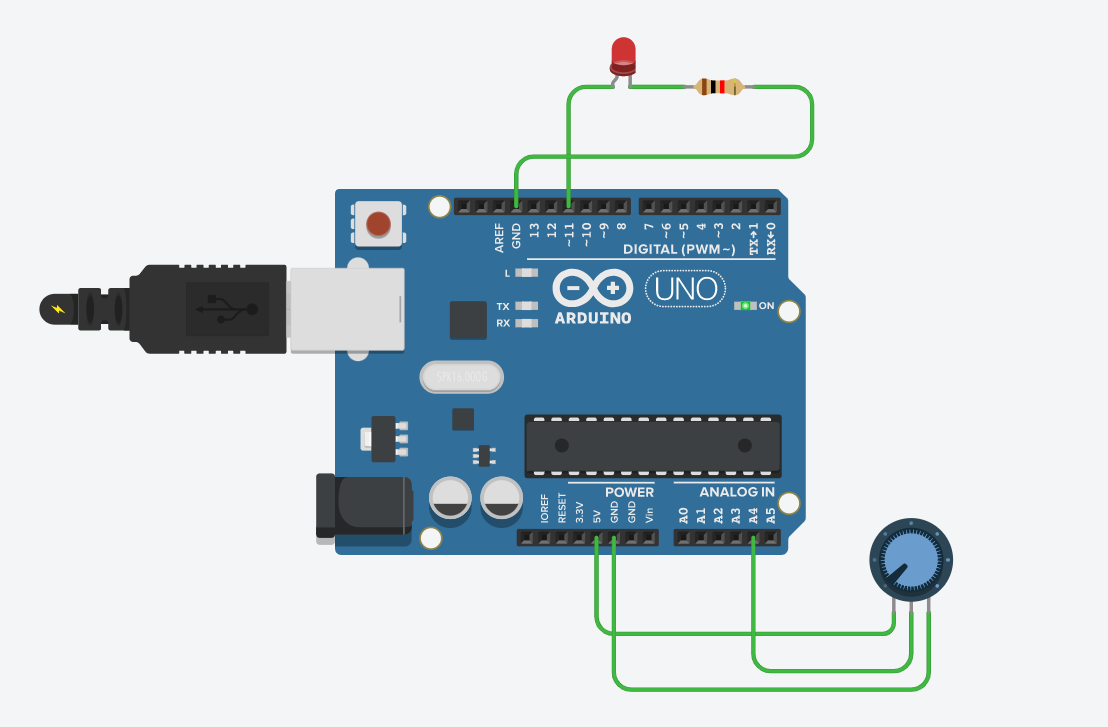
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| Components: |  |

* Arduino Uno R3
* LED
* Jumper Wires (Male To Male)
* Bread Board
* Potentiometer
* Laptop Or PC

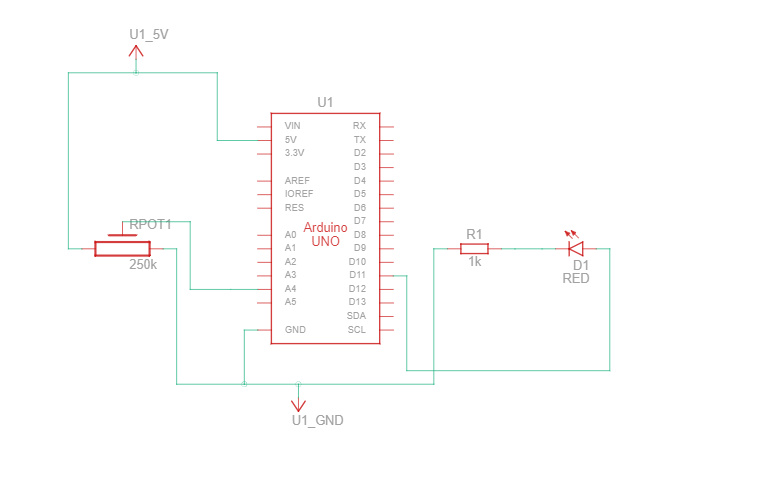
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| About the Project:- |  |

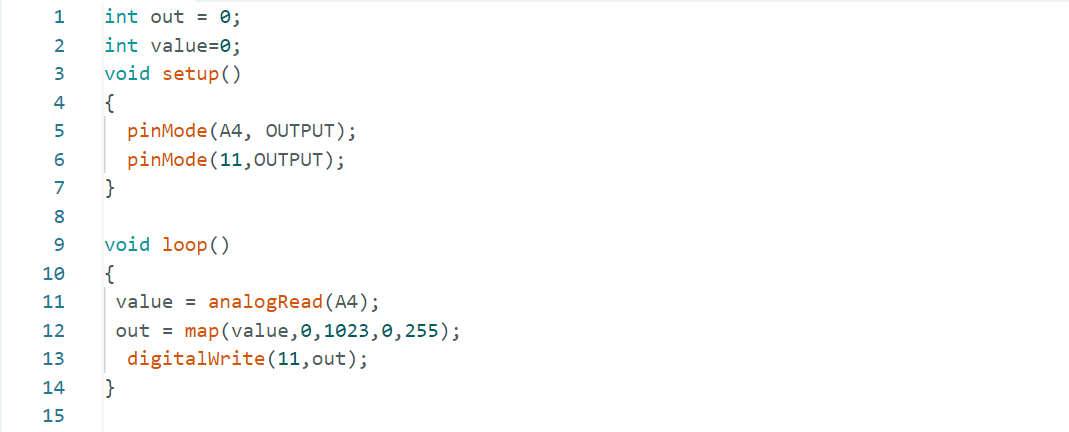
* In thisproject, we are going to use Arduino to blink the LED by the potentiometer. In this Project, We will connect One Resistor with Digital Pin 3 of Arduino and Connect Other Terminal of Resistor with Anode of LED. And Cathode Is Connected With Ground. After That We Will Program the Arduino in Such a Way That Whatever output potentiometer gives, The LED Blinks as respectively.

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| Output(you circuit implementation):- |  |



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| Schematic:- |  |  |

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| Code:- |  |

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| Conclusion:- |  |

* In this project, we learnt that how to blink LED with the help of Potentiometer.