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| **Subject Name and Code:-** Foundation Skills On Sensor Interfacing (01CT1103) | **Date of Experiment:- 18-12-2022** |

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| Task:- |  |

Analog read serial and switch case

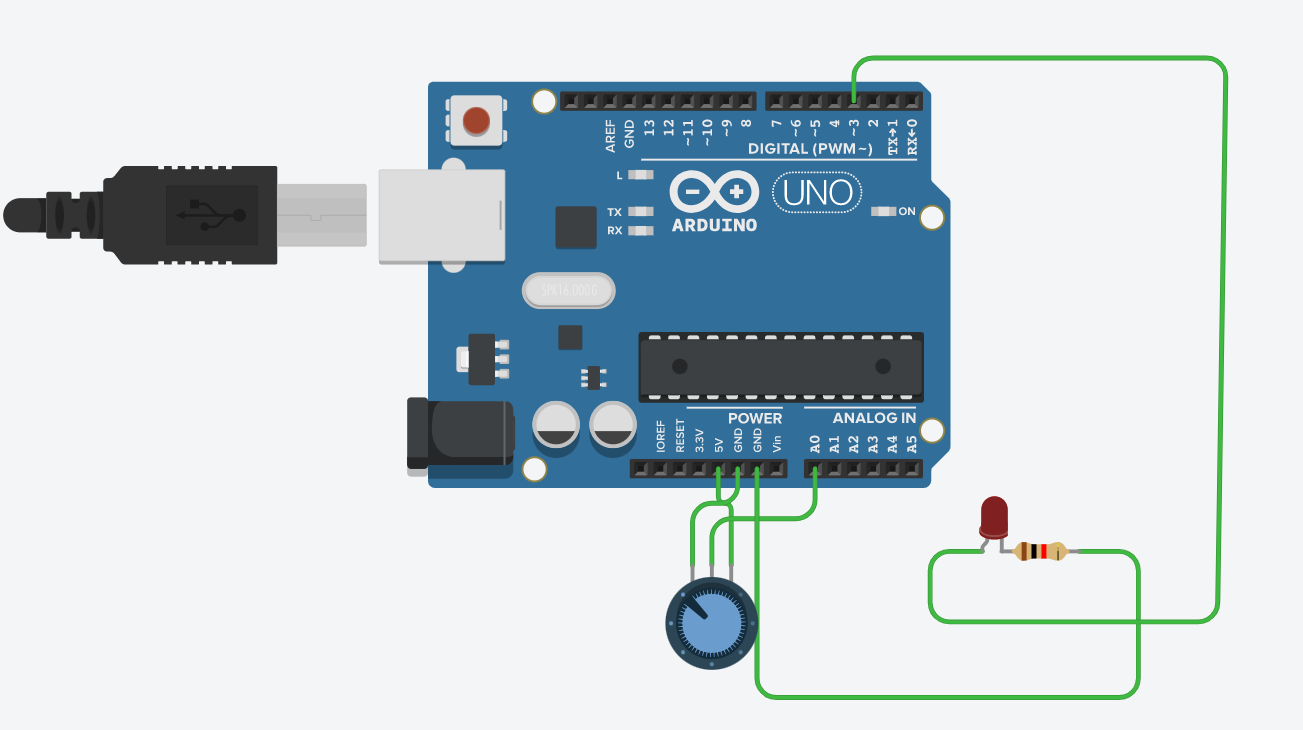
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| Components: |  |

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

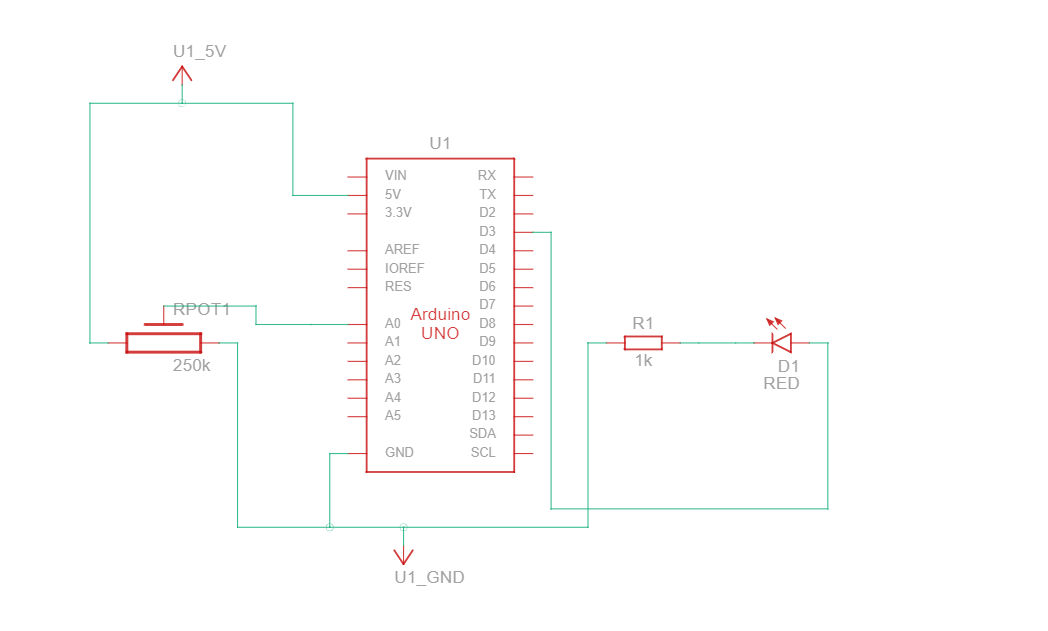
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| About the Project:- |  |

* In thisproject, we are going to use Arduino to blink the LED. We will connect terminal-1 VCC to 5V and terminal-3 ground will be connected to GND.And middle pin is output Which is Connected to Analog pin A0.Because of potentiometer is generating 0 to 1023 values.we have to map it to 0 to 256.and further we have to map it from 0 to 3.

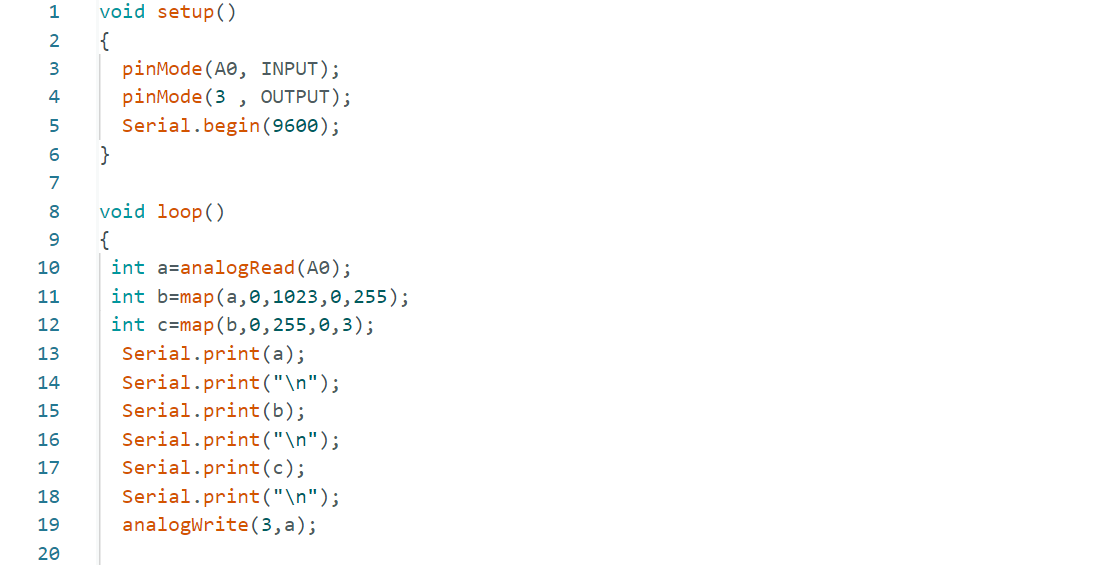
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| Output (you circuit implementation):- |  |

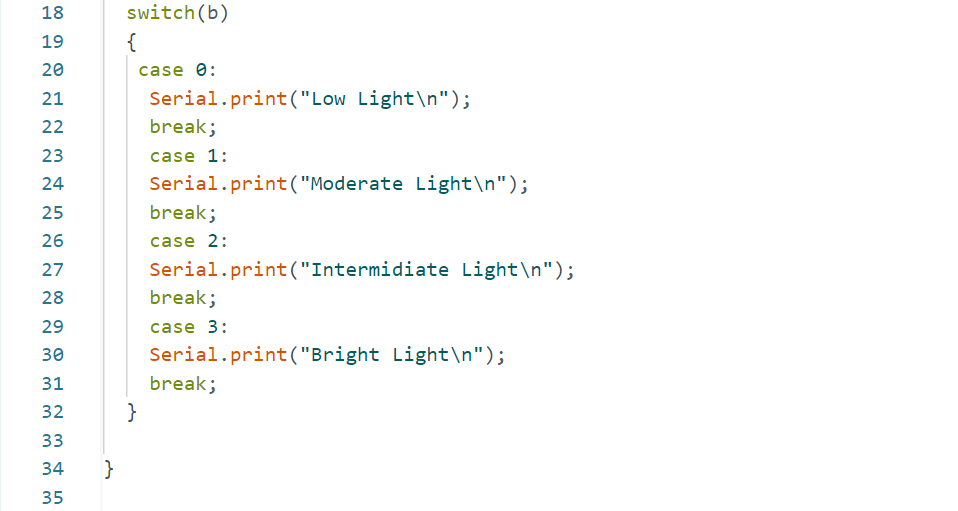


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| Schematic:- |  |  |

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| Code:- |  |

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| Conclusion:- |  |

* In This Experiment, We Learnt Switch case.