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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:- |  |

Use of the analogWrite() function in fading an LED off and on.

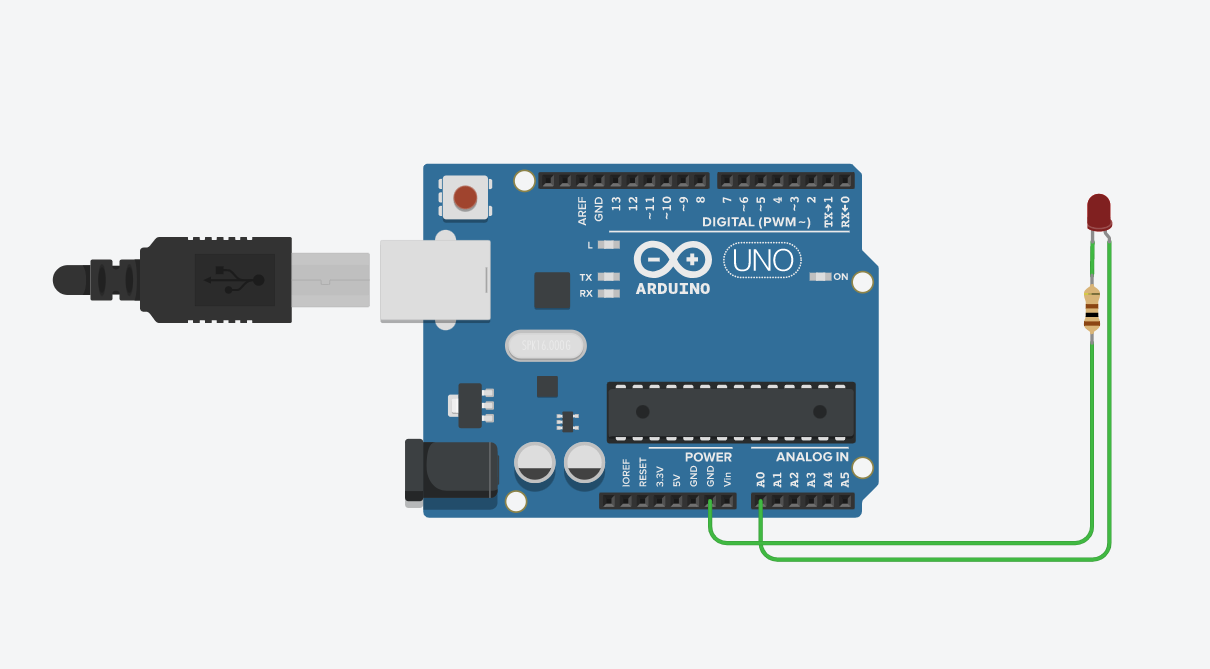
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| Components: |  |

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

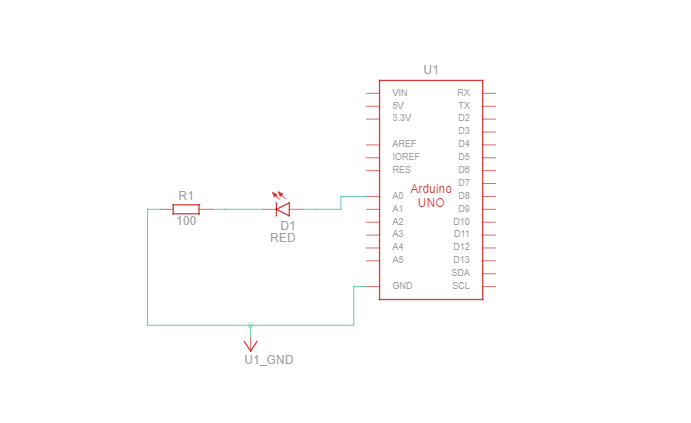
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| About the Project:- |  |

* In thisproject, we are going to use Arduino to blink the LED. This is our first project with Arduino.in this project, we will run a for loop from 0 to 1023, and that value we write in led through analogWrite() function.

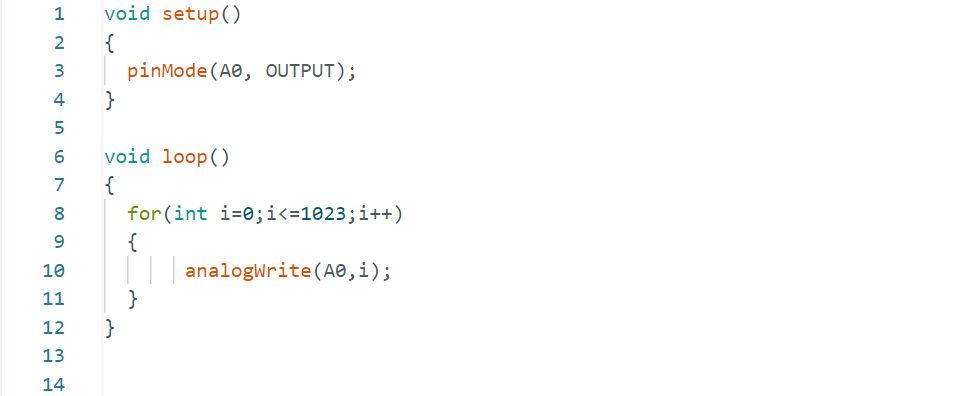
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| Output (you circuit implementation):- |  |



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| Schematic:- |  |  |

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| Code:- |  |

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| Conclusion:- |  |

* In This Experiment, We Learnt That How To Blink LED With Arduino Using analogWrite() function.