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| **Subject Name and Code:-** Foundation Skills On Sensor Interfacing (01CT1103) | **Date of Experiment:- 17-11-2022** |

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| Task:- |  |

Interface temperature and humidity sensor with arduino and show the results on serial monitor.

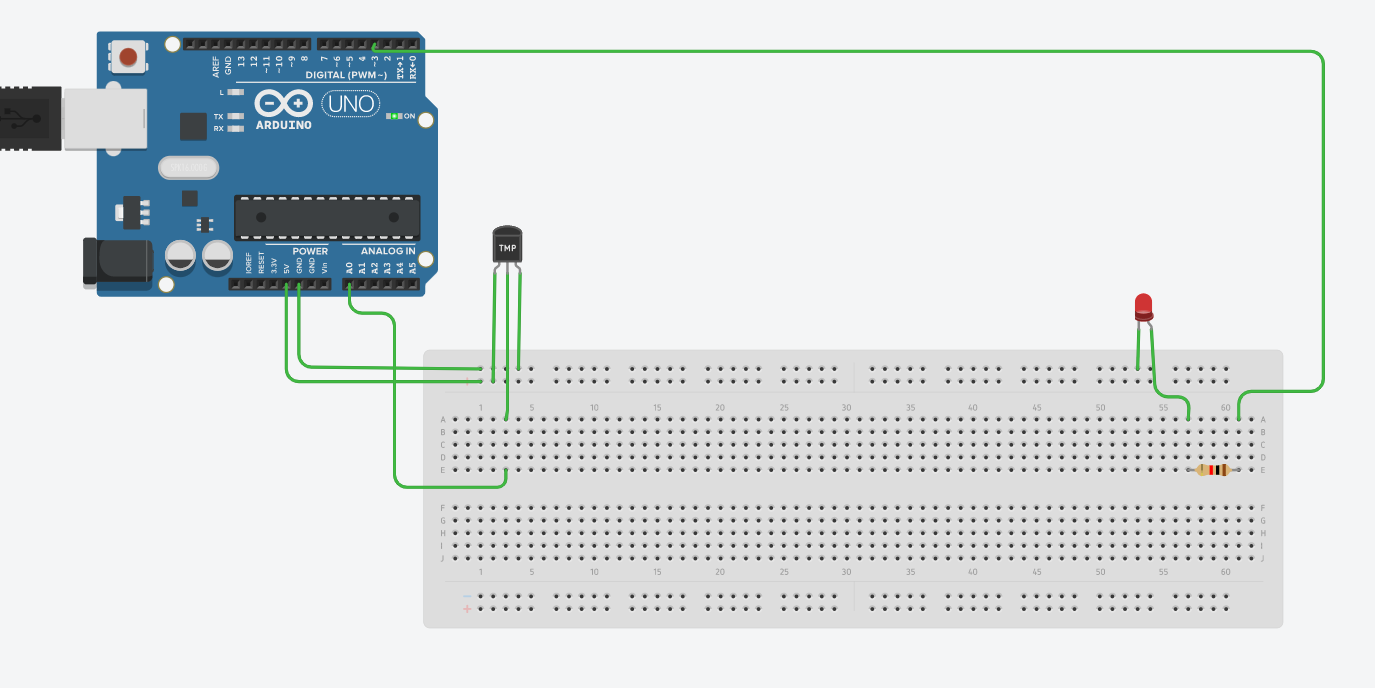
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| Components: |  |

* Arduino Uno R3
* DHT-11 humidity and Temperature Sensor
* Jumper Wires (Male To Male)
* Bread Board
* Laptop Or PC

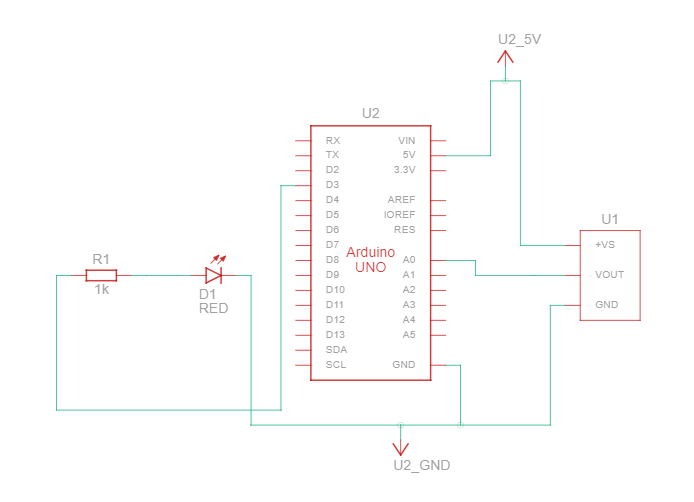
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| About the Project:- |  |

* In thisproject, we are going to interface Temperature and humidity sensor with Arduino.This Sensor is helpful to measure the temperature of surroundings.
* The DHT-11 Digital Temperature And Humidity Sensor is **a basic, ultra low-cost digital temperature and humidity sensor**. It uses a capacitive humidity sensor and a thermistor to measure the surrounding air and spits out a digital signal on the data pin (no analog input pins needed).

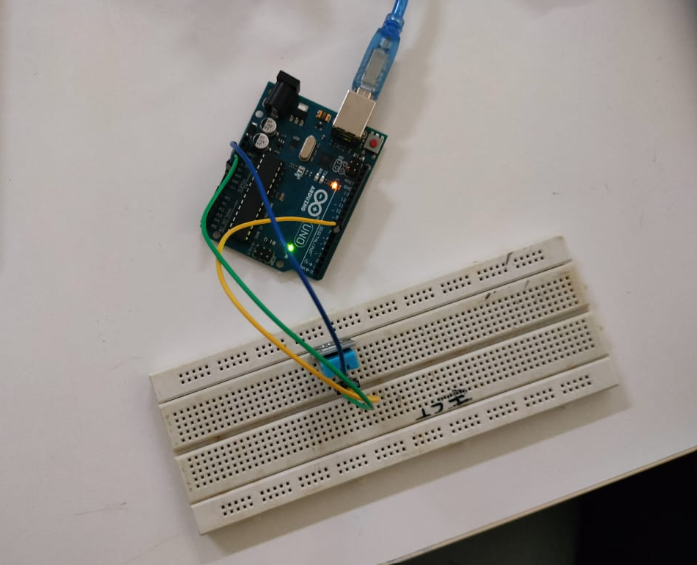
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| Output (you circuit implementation):- |  |

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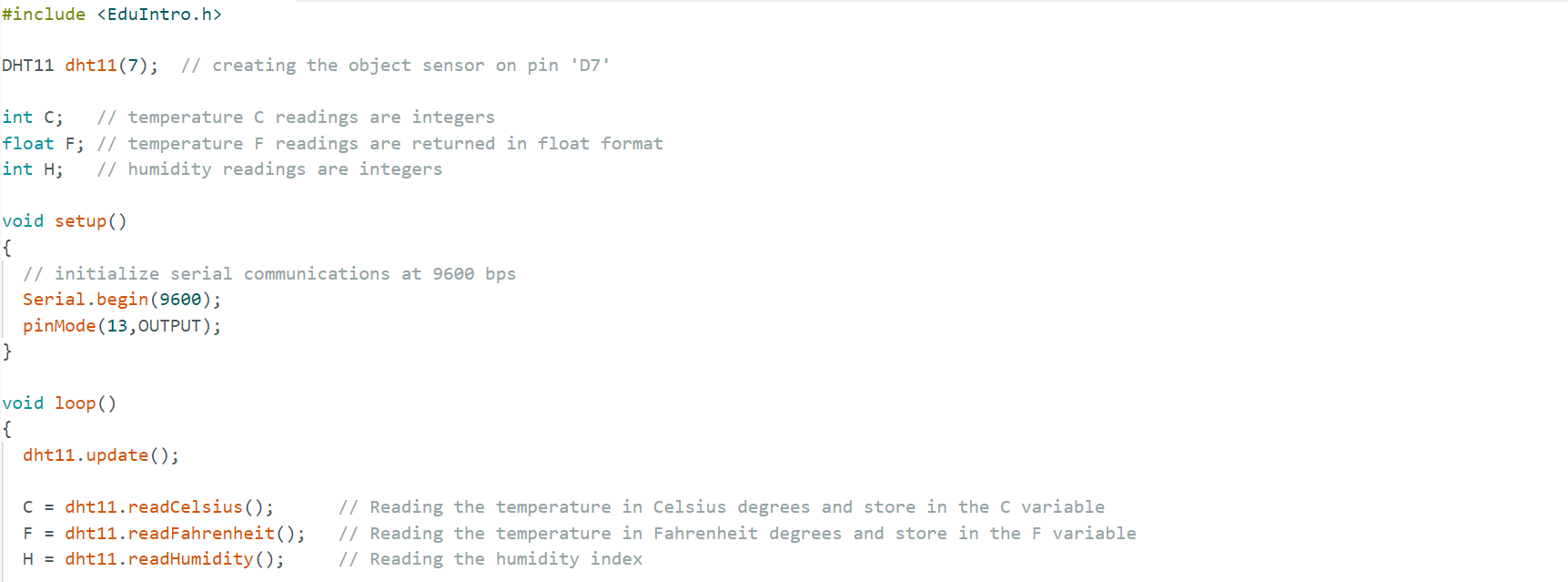
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| Schematic:- |  |  |

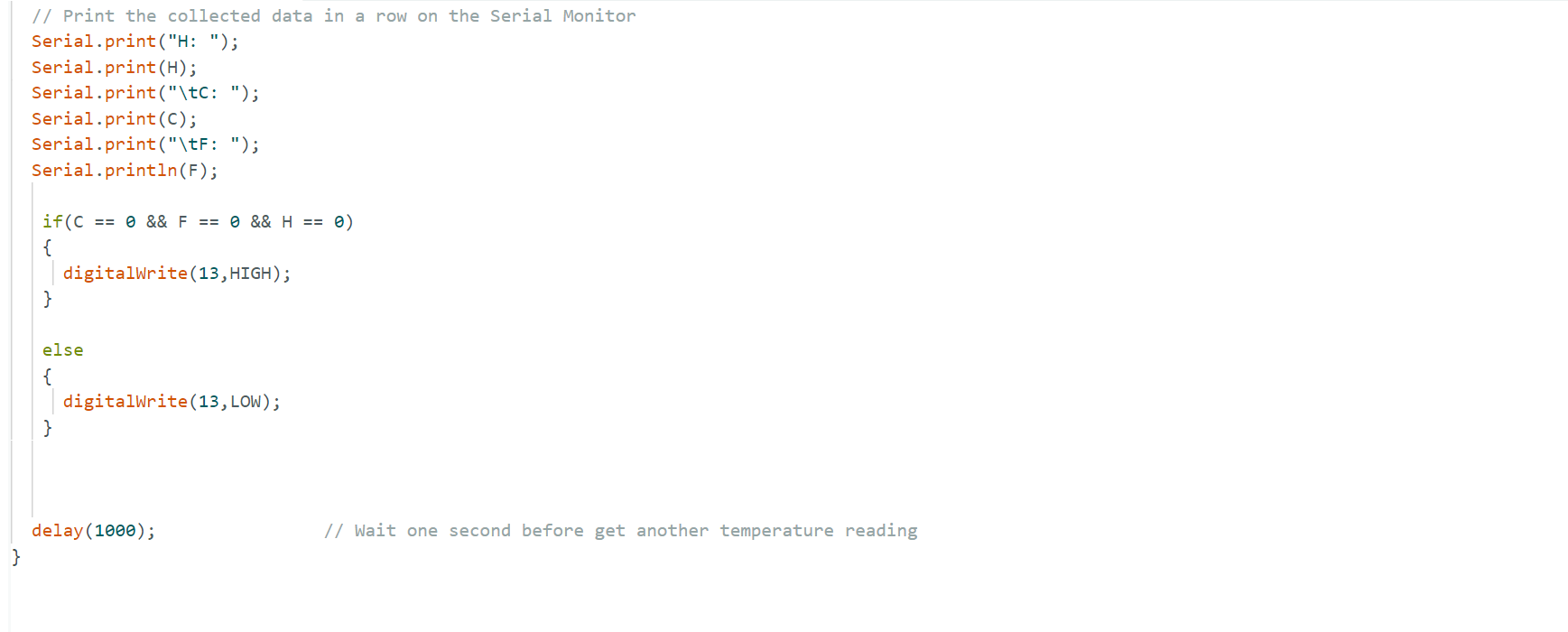
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| Application:- |  |

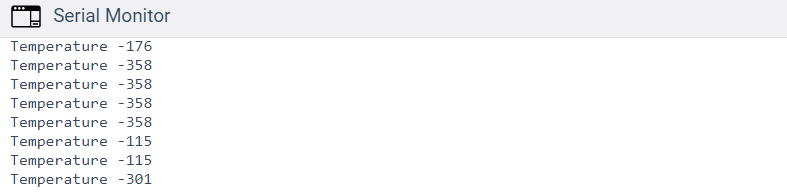
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| Code :- |  |

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| Results Of Serial Monitor :- |  |

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| Conclusion:- |  |

* In This Experiment, We Learnt That How To Interface Temperature and humidity sensor DHT-11 With Arduino.