

ASSIGNMENT(WEEK 1)

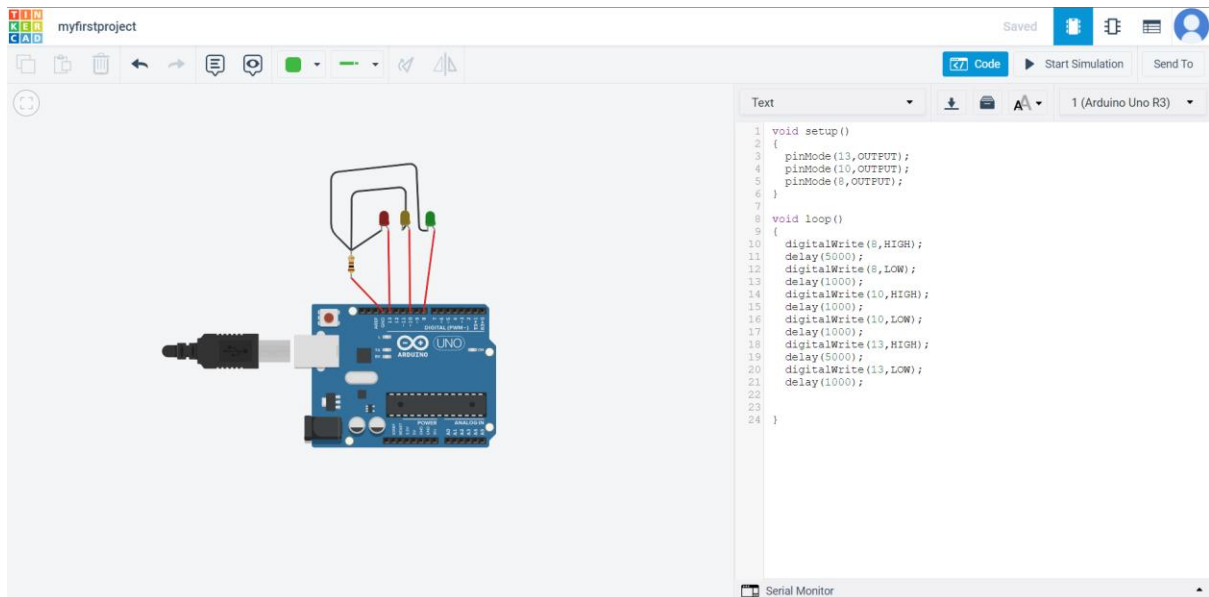
Name: Jeff Easow

Registration Number: 20BCT0028

VIT, Vellore

TINKERCAD CIRCUITS

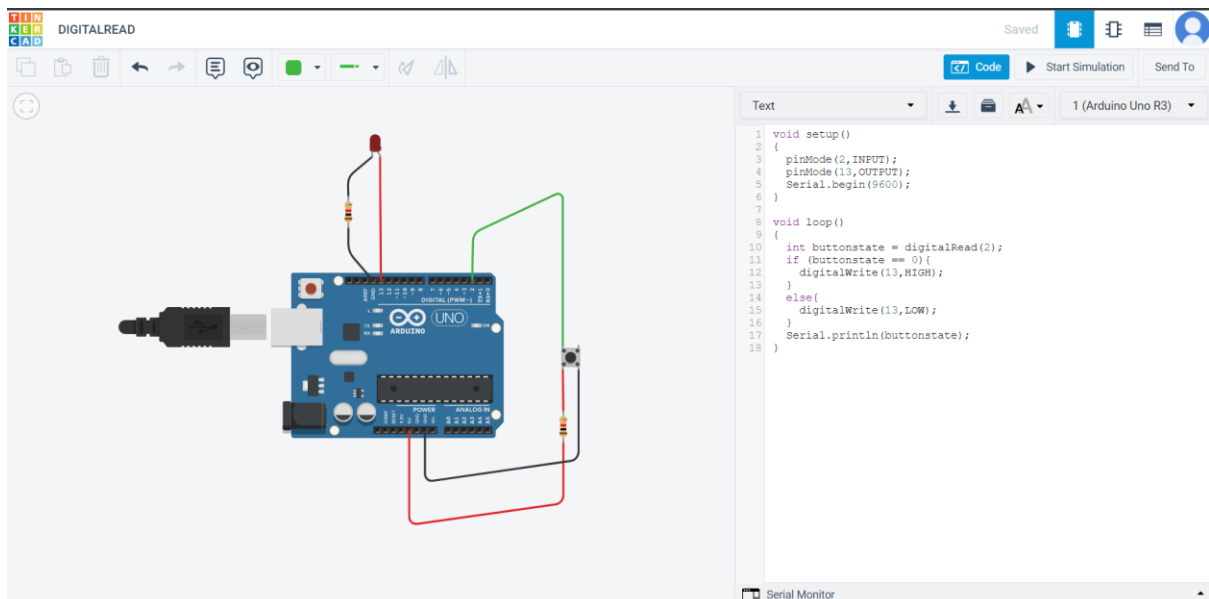
LED TRAFFIC LIGHT



Link:

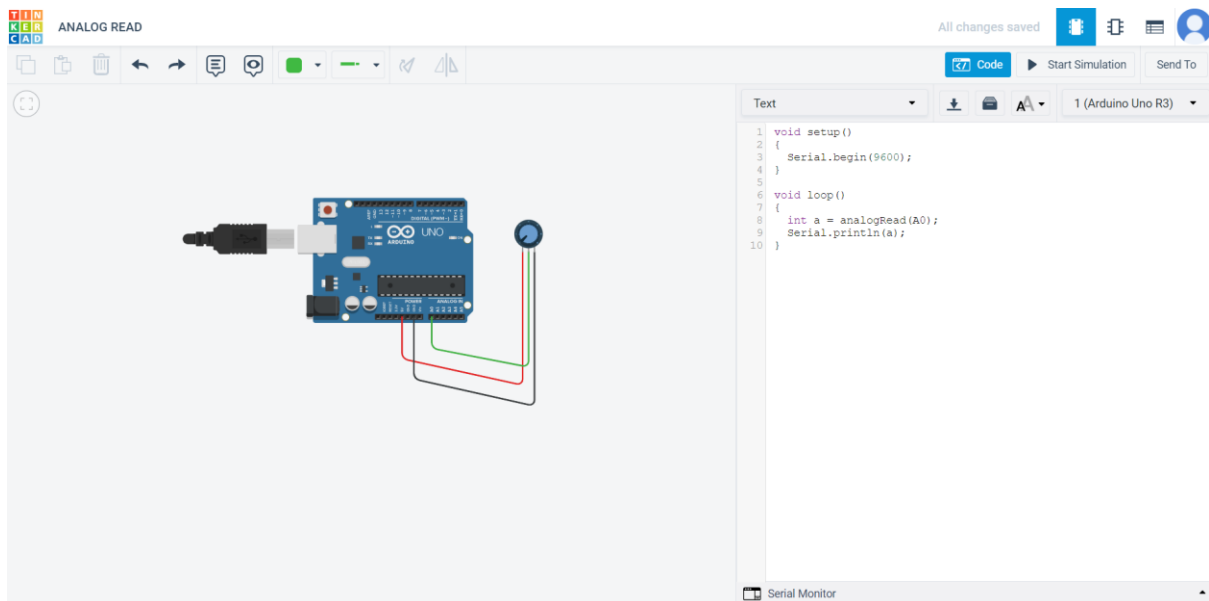
https://www.tinkercad.com/things/e80CO3WZ4dI?sharecode=8QJ8W_kMRX00mm3z84MpncRpGKmm7GL2Clz-mQX90no

DIGITALREAD(BUTTON CONTROLLED LED)



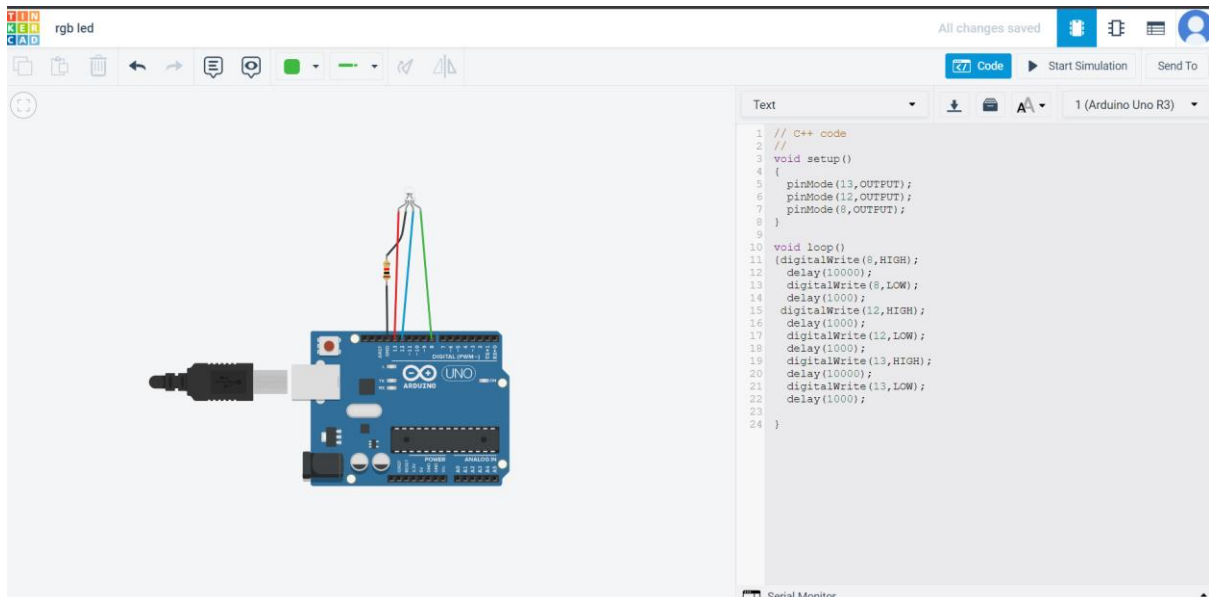
Link: <https://www.tinkercad.com/things/j3tf8uVqQgQ>

ANALOGREAD (POTENTIOMETER CONTROLLING LED INTENSITY)



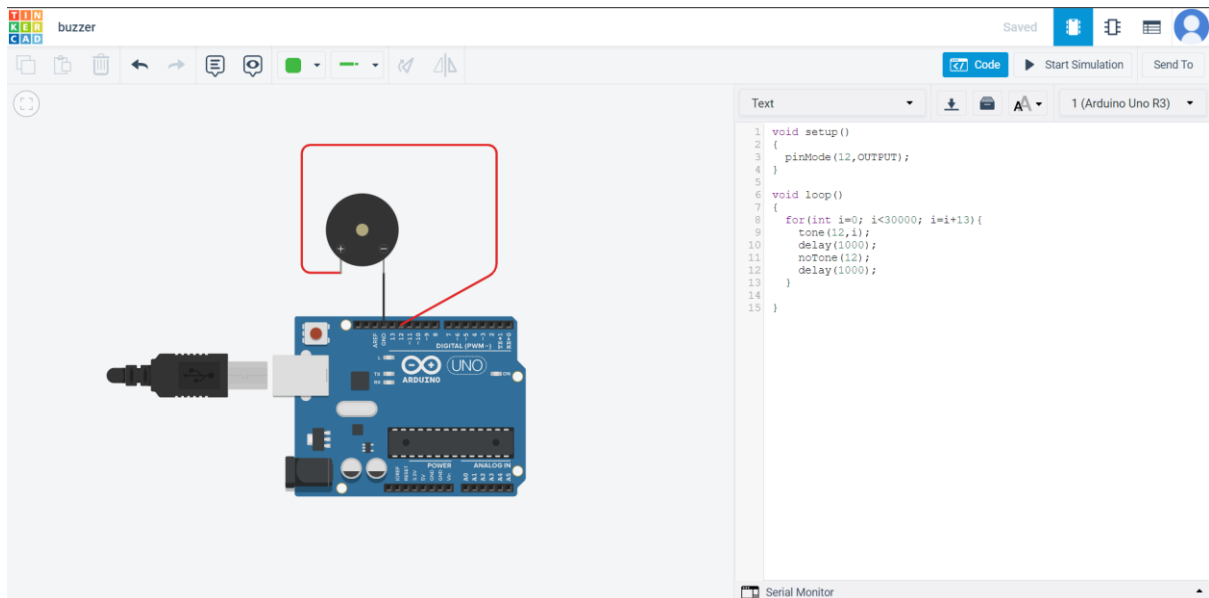
Link: <https://www.tinkercad.com/things/apYvMRmfjhm>

RGB LED



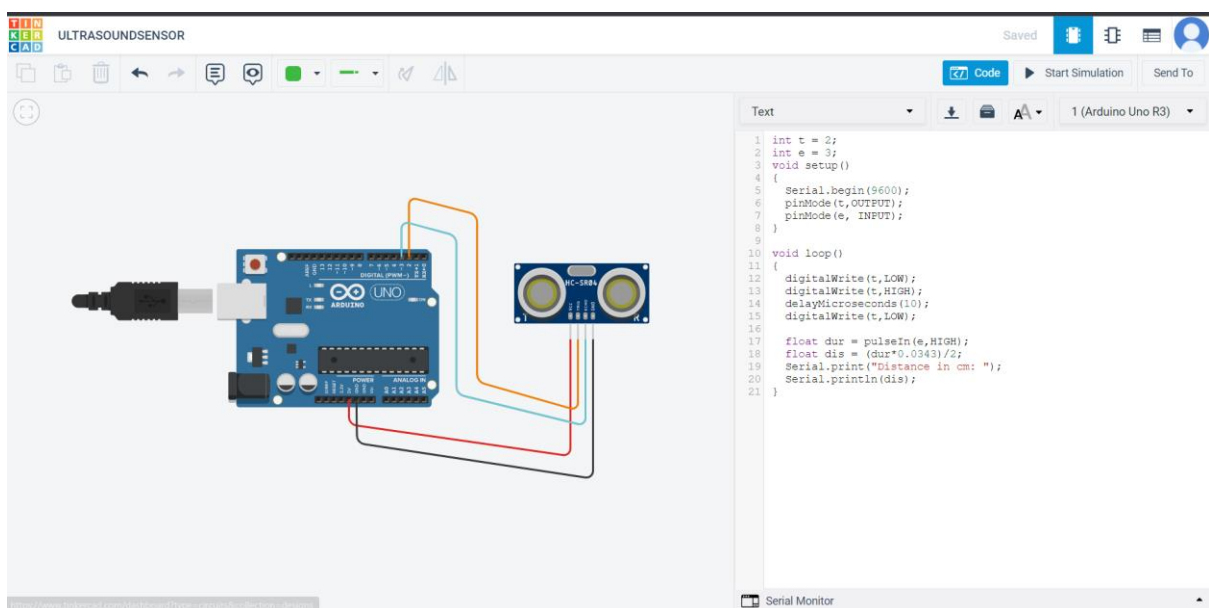
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BUZZER



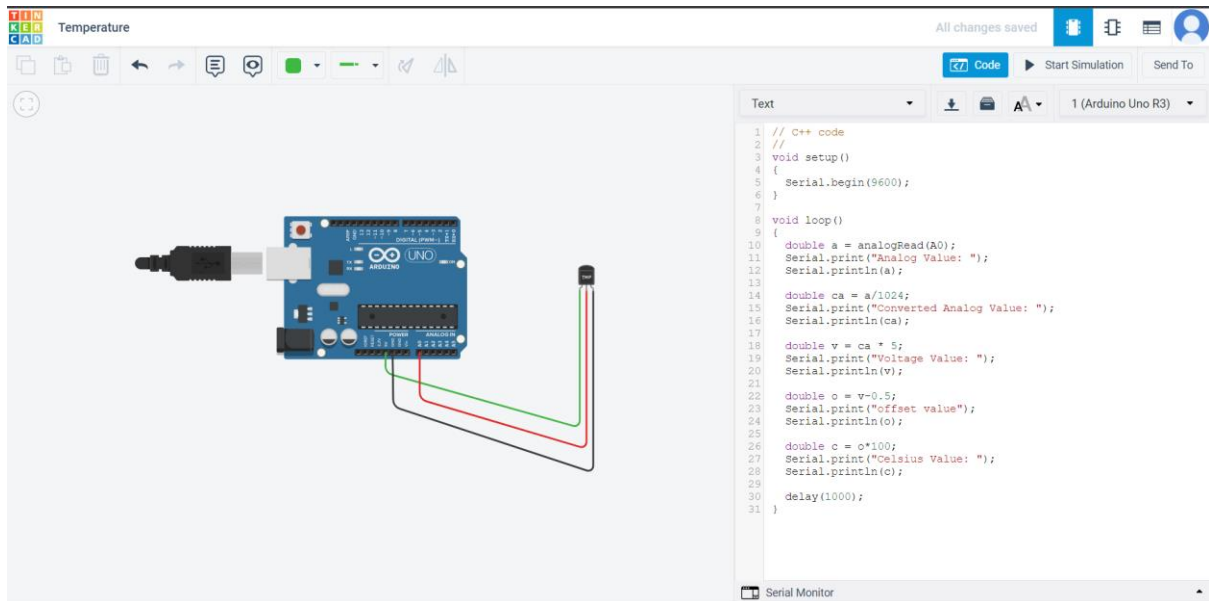
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ULTRASOUND SENSOR



Link: https://www.tinkercad.com/things/7vhlumbrCta?sharecode=ft5_CPglPzklVsonlGZBn8K4F8m2b6qYoyOOBHTinZ4

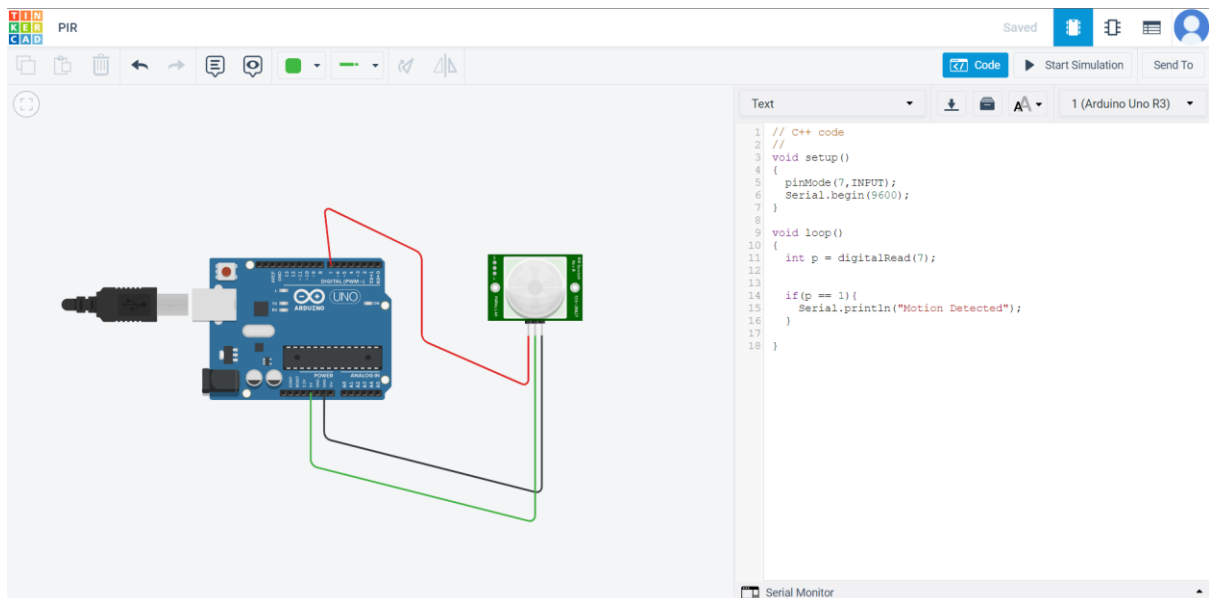
TEMPERATURE SENSOR:



Link:

<https://www.tinkercad.com/things/8JRS76nTolq?sharecode=uddrixEsTXeThyqwyRbXpRTSKe4zyfMG8FbntI46HQQ>

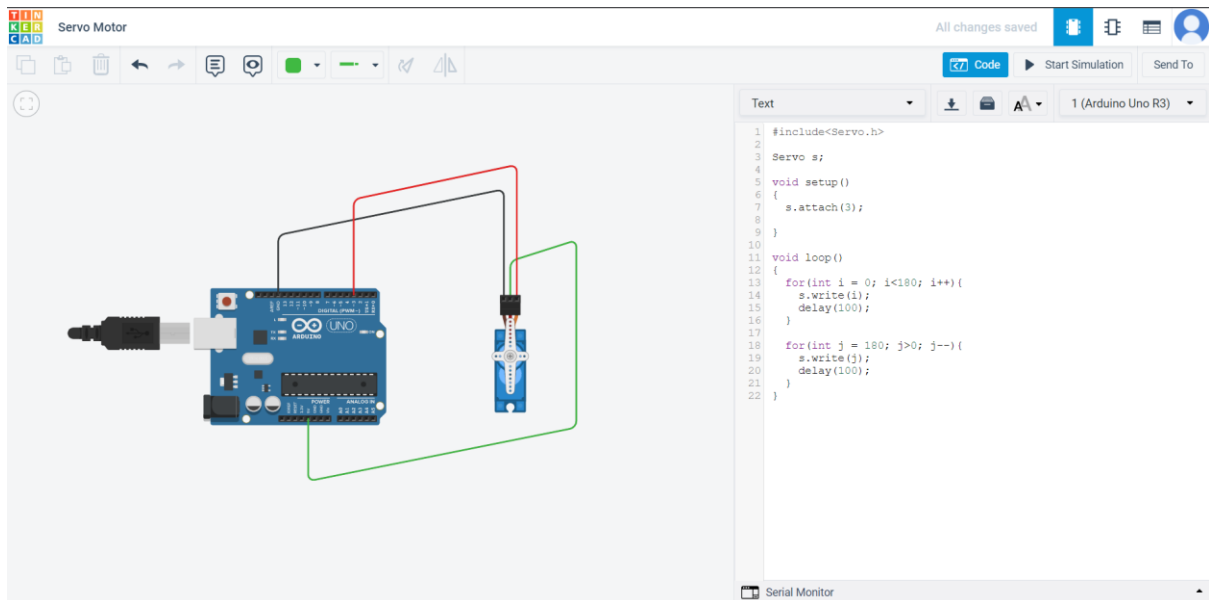
PIR SENSOR



Link:

https://www.tinkercad.com/things/kXuoVREgJQX?sharecode=7_oZDYFspW6UK76yPvcZsAloEhUAJrmwiDZjry3cYCw

SERVO MOTOR



Link:

https://www.tinkercad.com/things/7r1YdtSAQmV?sharecode=Bsq1HPFReYJI_KRvQW2iNDTXhYEda5XG3lrEPligZw