**ASSIGNMENT(WEEK 1)**

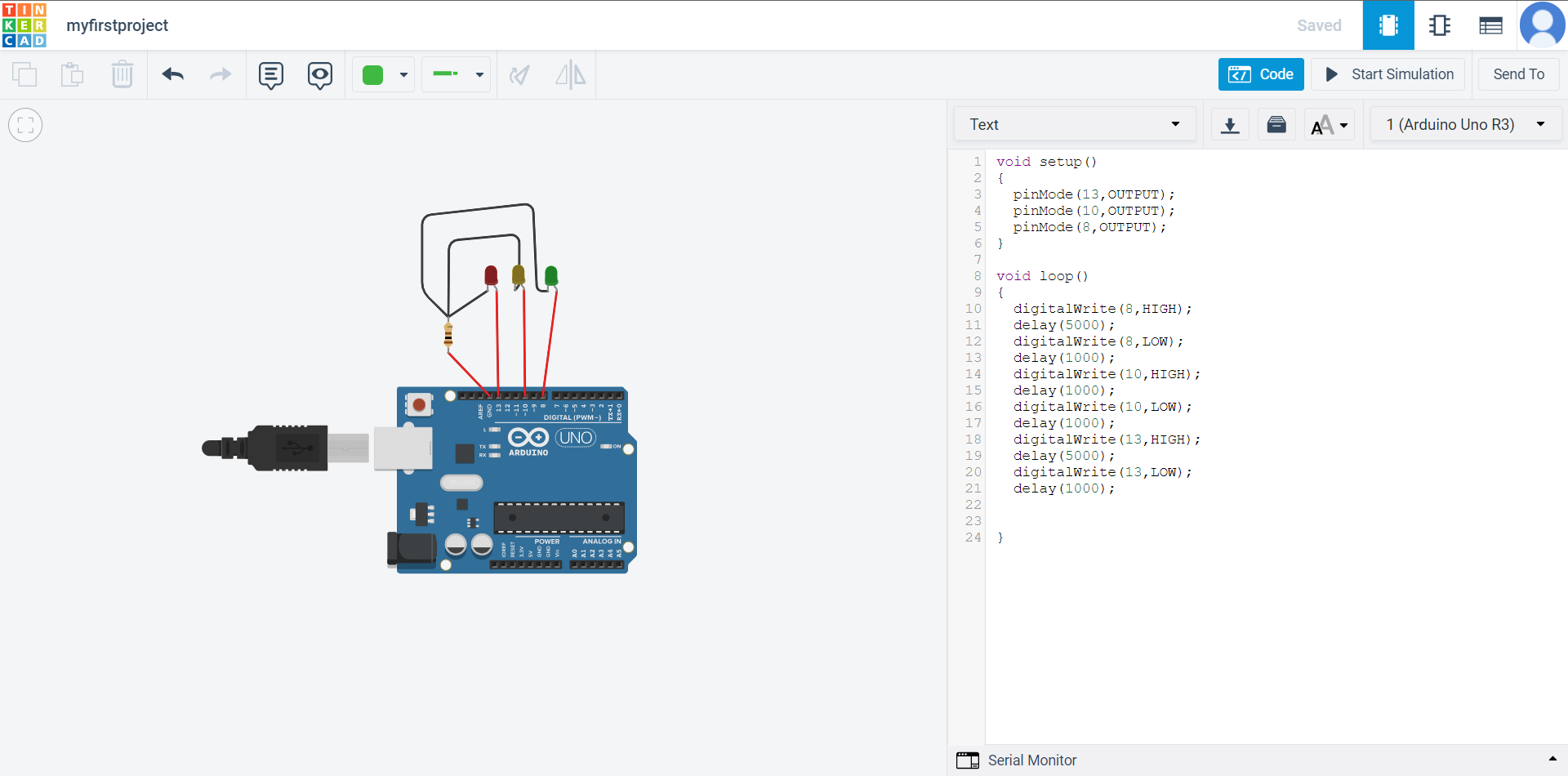
Name: Jeff Easow

Registration Number: 20BCT0028

VIT, Vellore

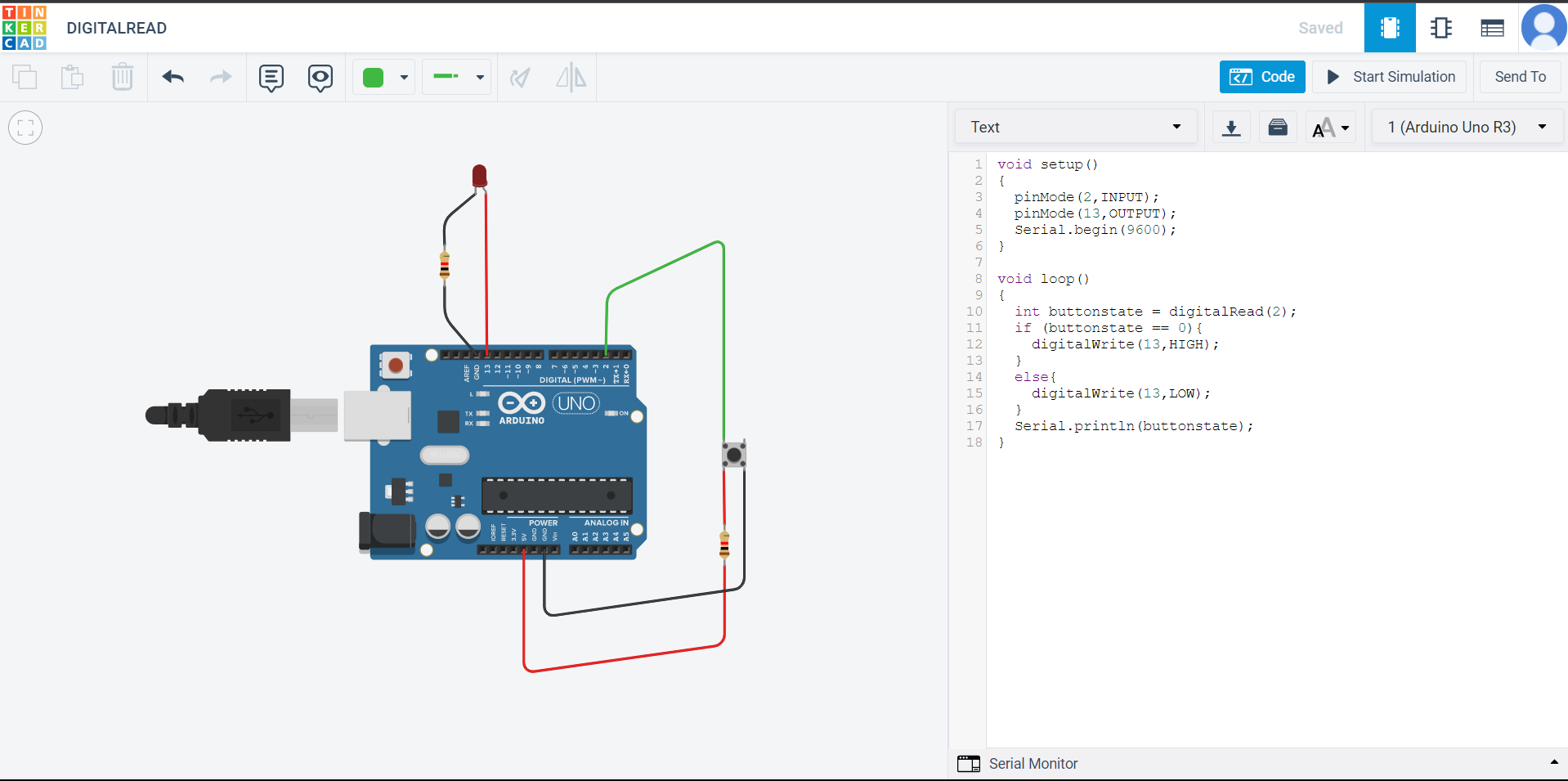
**TINKERCAD CIRCUITS**

**LED TRAFFIC LIGHT**



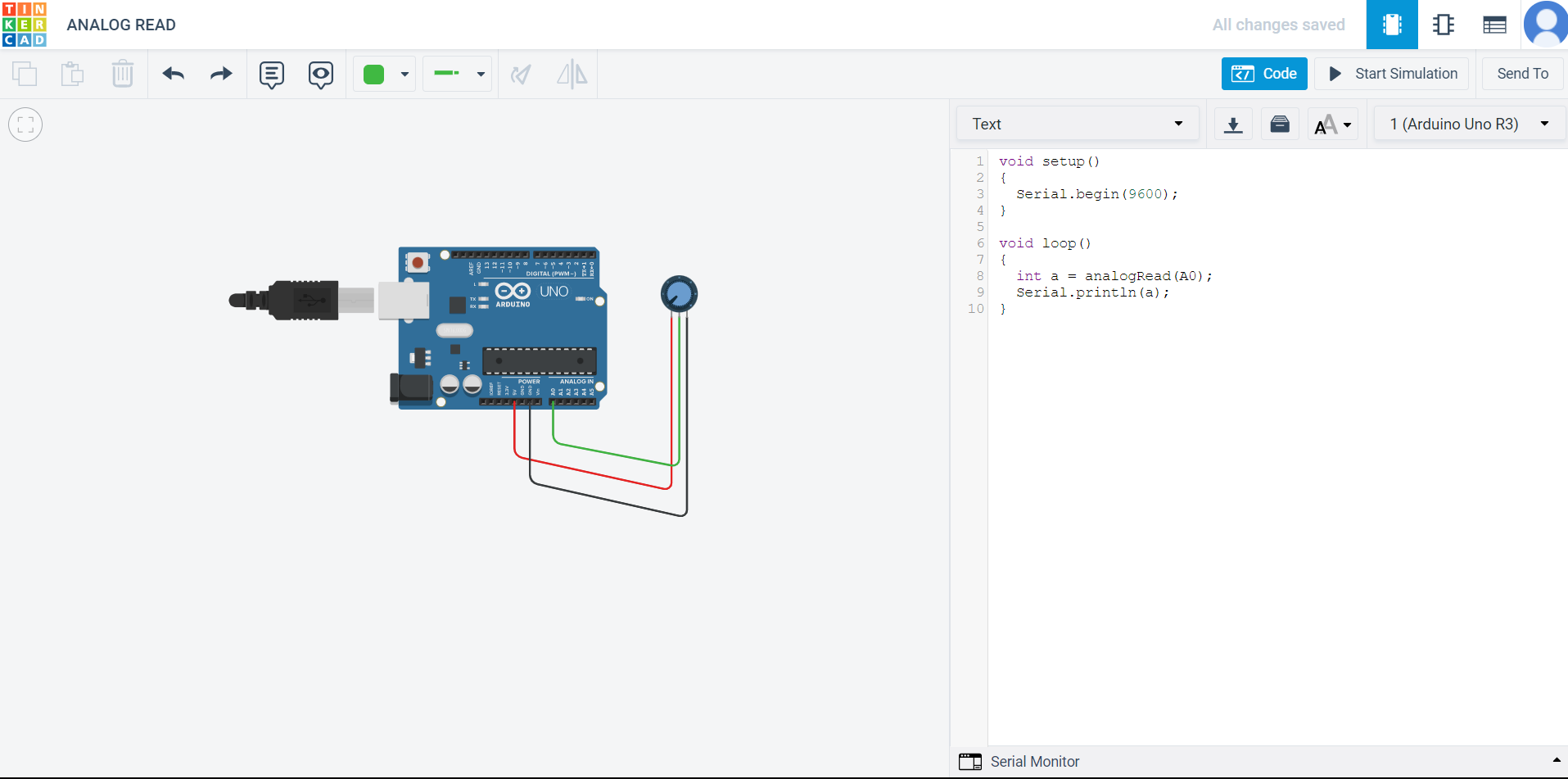
Link: <https://www.tinkercad.com/things/e80CO3WZ4dI?sharecode=8QJ8W_kMRX00mm3z84MpncRpGKmm7GL2CIz-mQX90no>

**DIGITALREAD(BUTTON CONTROLLED LED)**



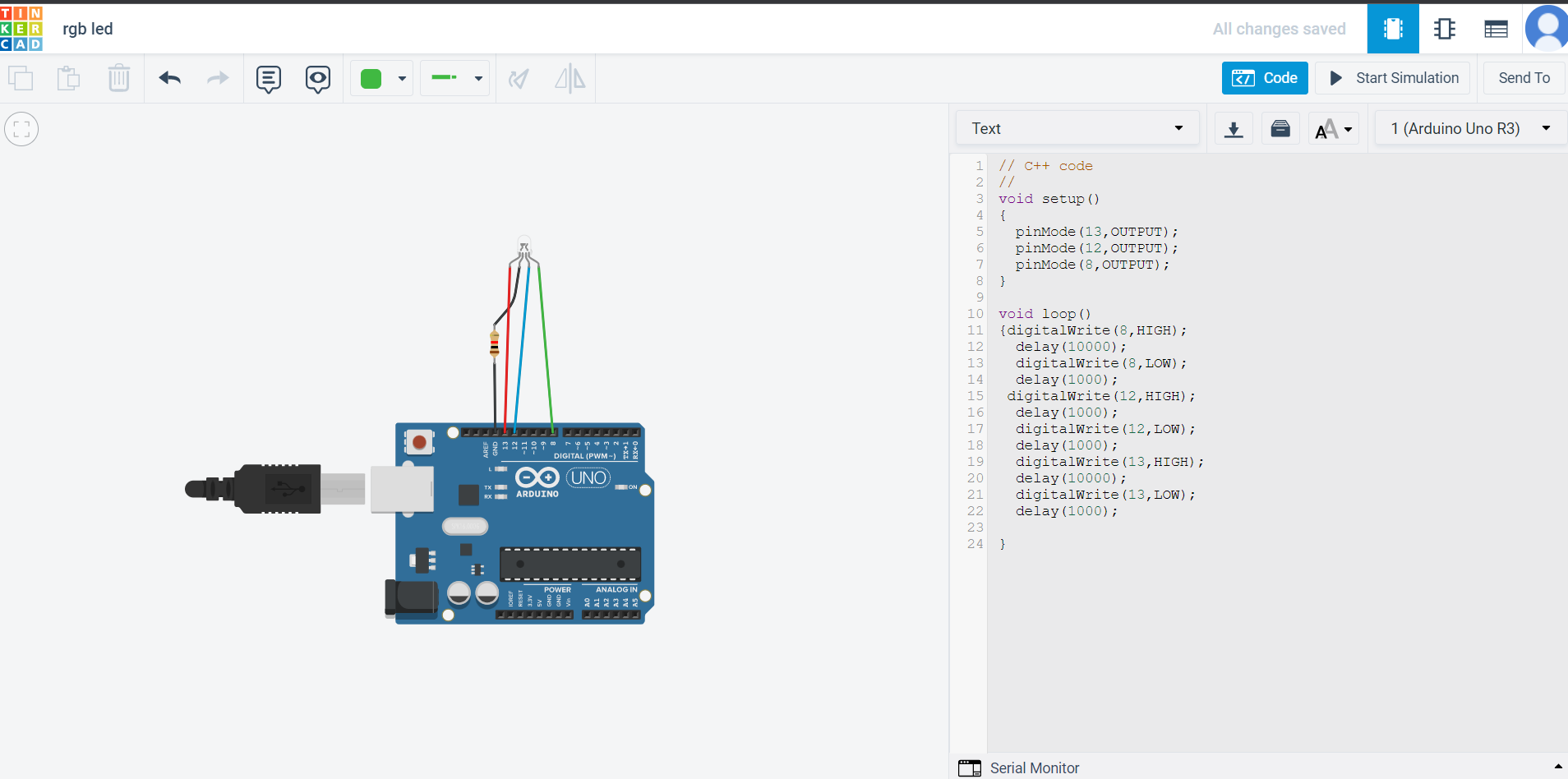
Link: <https://www.tinkercad.com/things/j3tf8uVqQqG>

**ANALOGREAD (POTENTIOMETER CONTROLLING LED INTENSITY)**



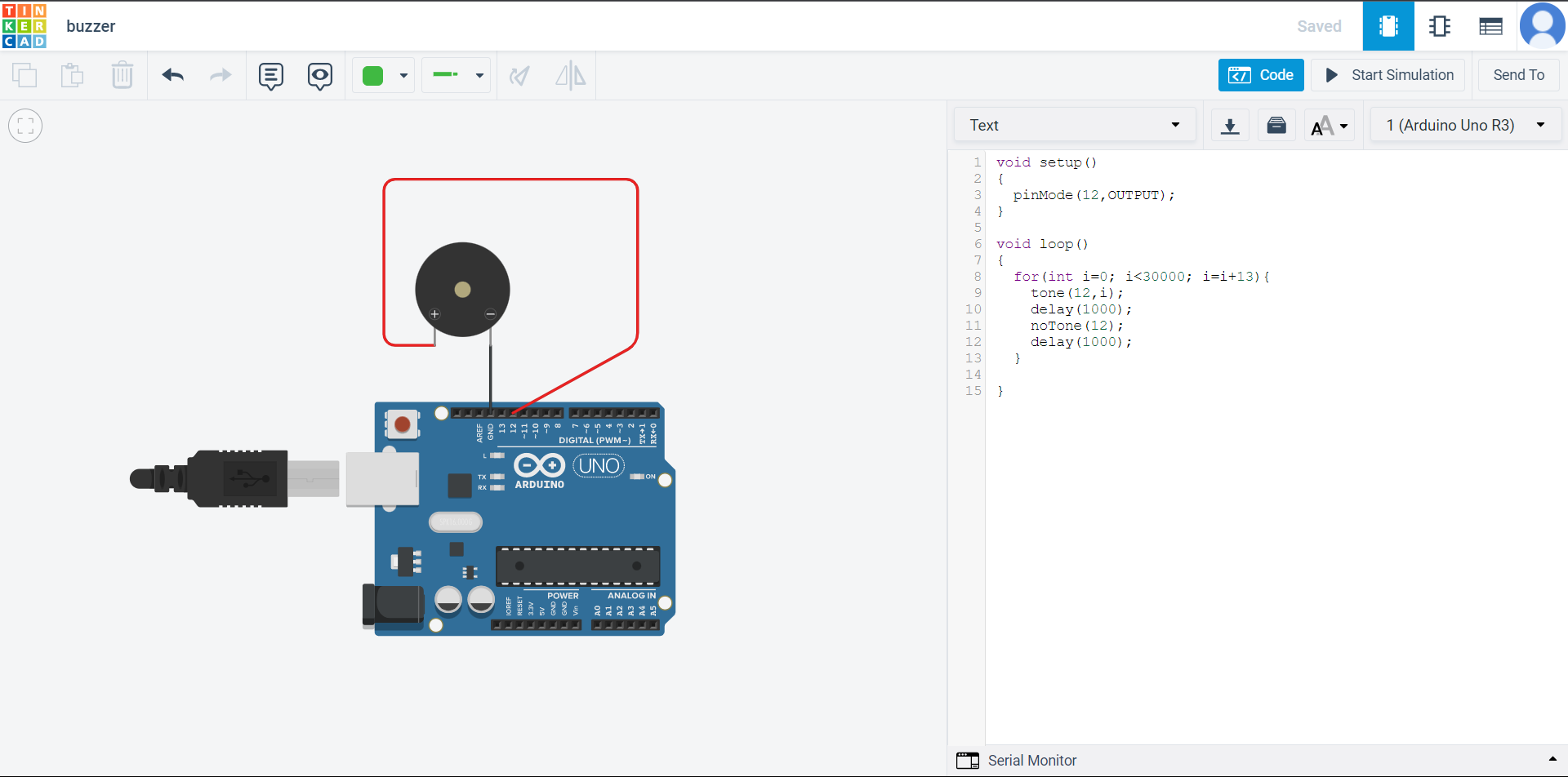
Link: <https://www.tinkercad.com/things/apYvMRmfjhm>

**RGB LED**



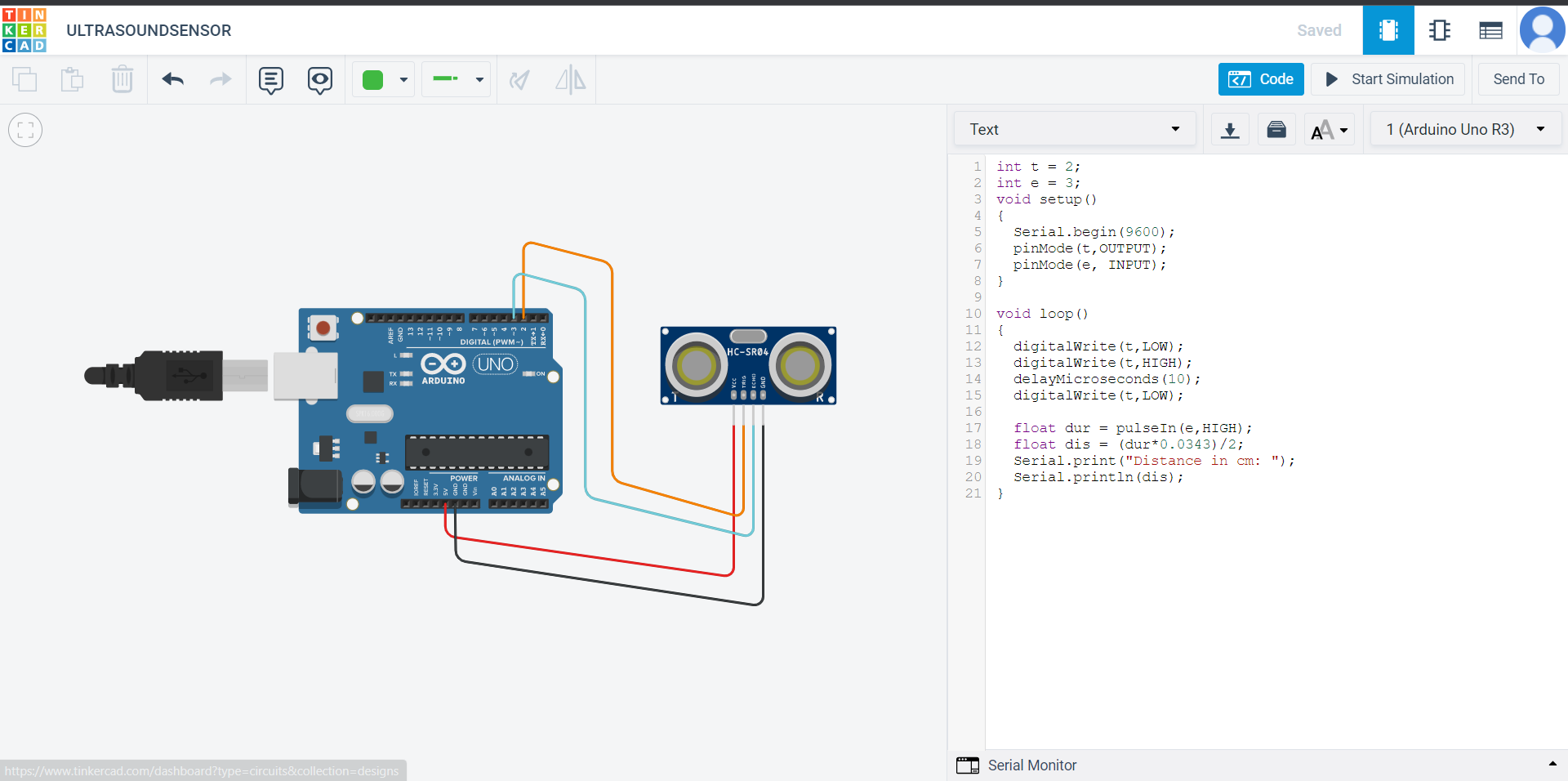
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**BUZZER**



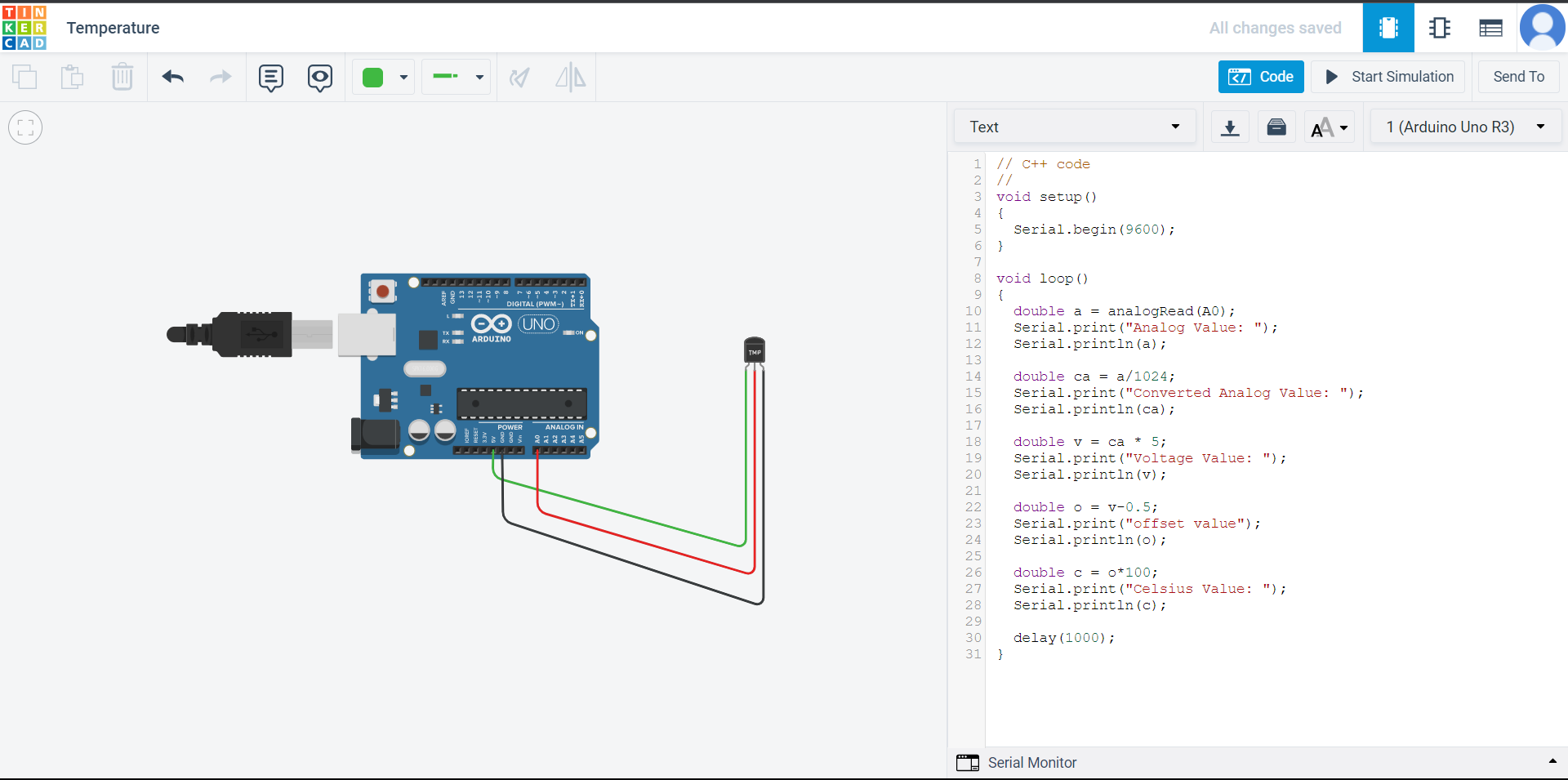
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**ULTRASOUND SENSOR**



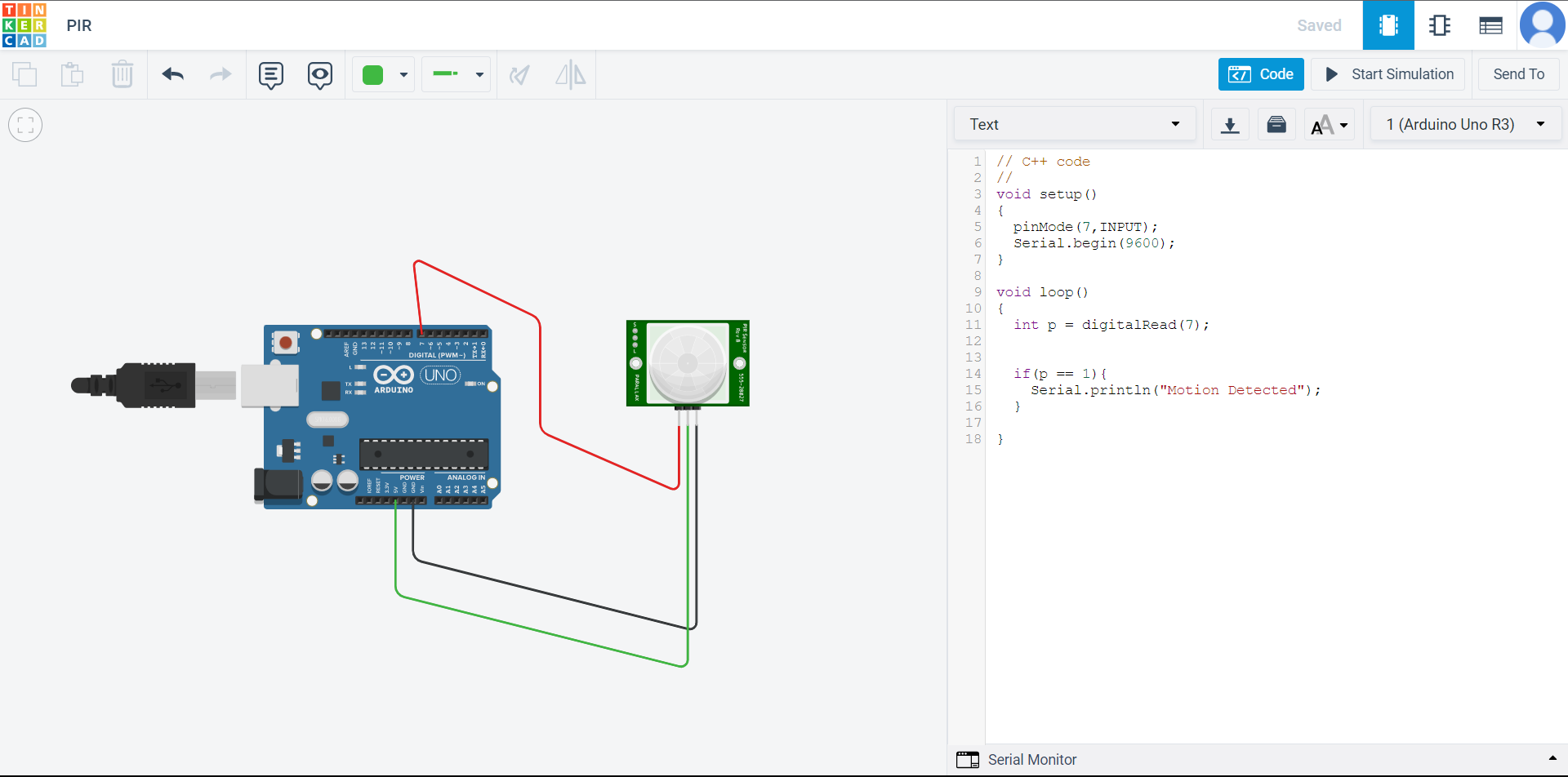
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**TEMPERATURE SENSOR:**



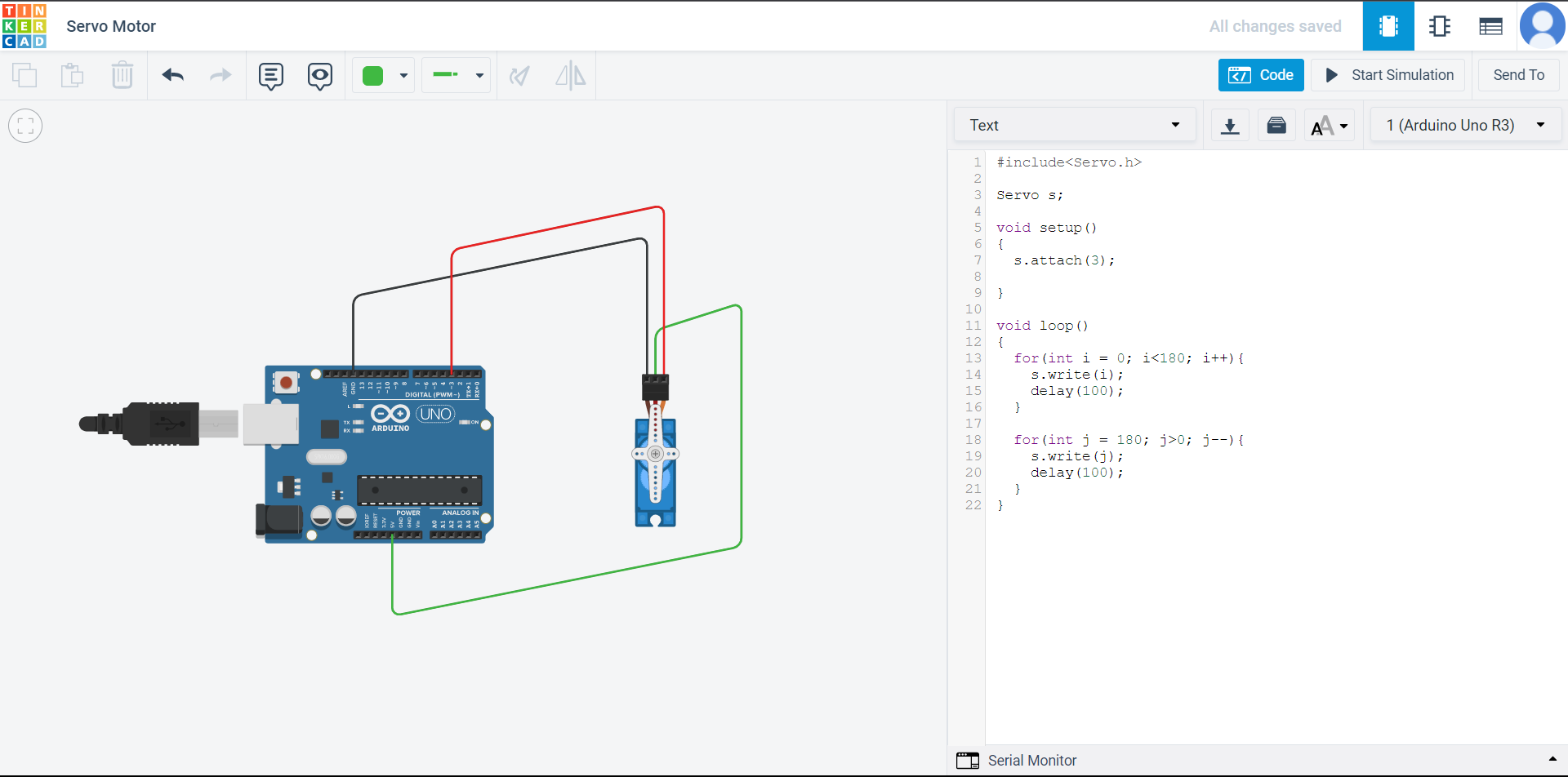
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**PIR SENSOR**



Link: <https://www.tinkercad.com/things/kXuoVREgJQX?sharecode=7_oZDYFspW6UK76yPvcZsAIoEhUAJrmwiDZjry3cYCw>

**SERVO MOTOR**



Link: <https://www.tinkercad.com/things/7r1YdtSAQmV?sharecode=Bsq1HPFReYJI_KRvQW2iNDTXhYEda5_XG3lrEPliGZw>