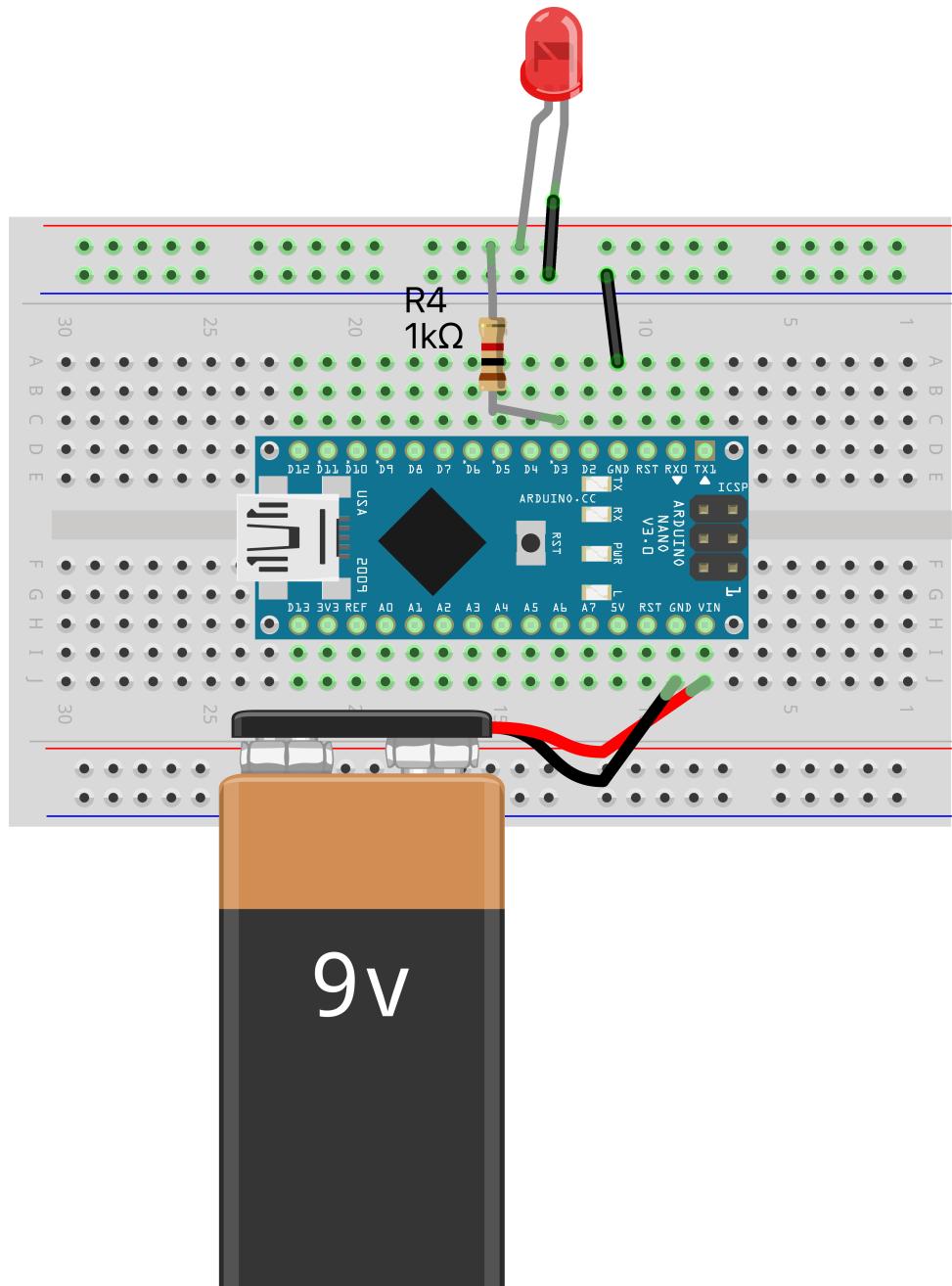


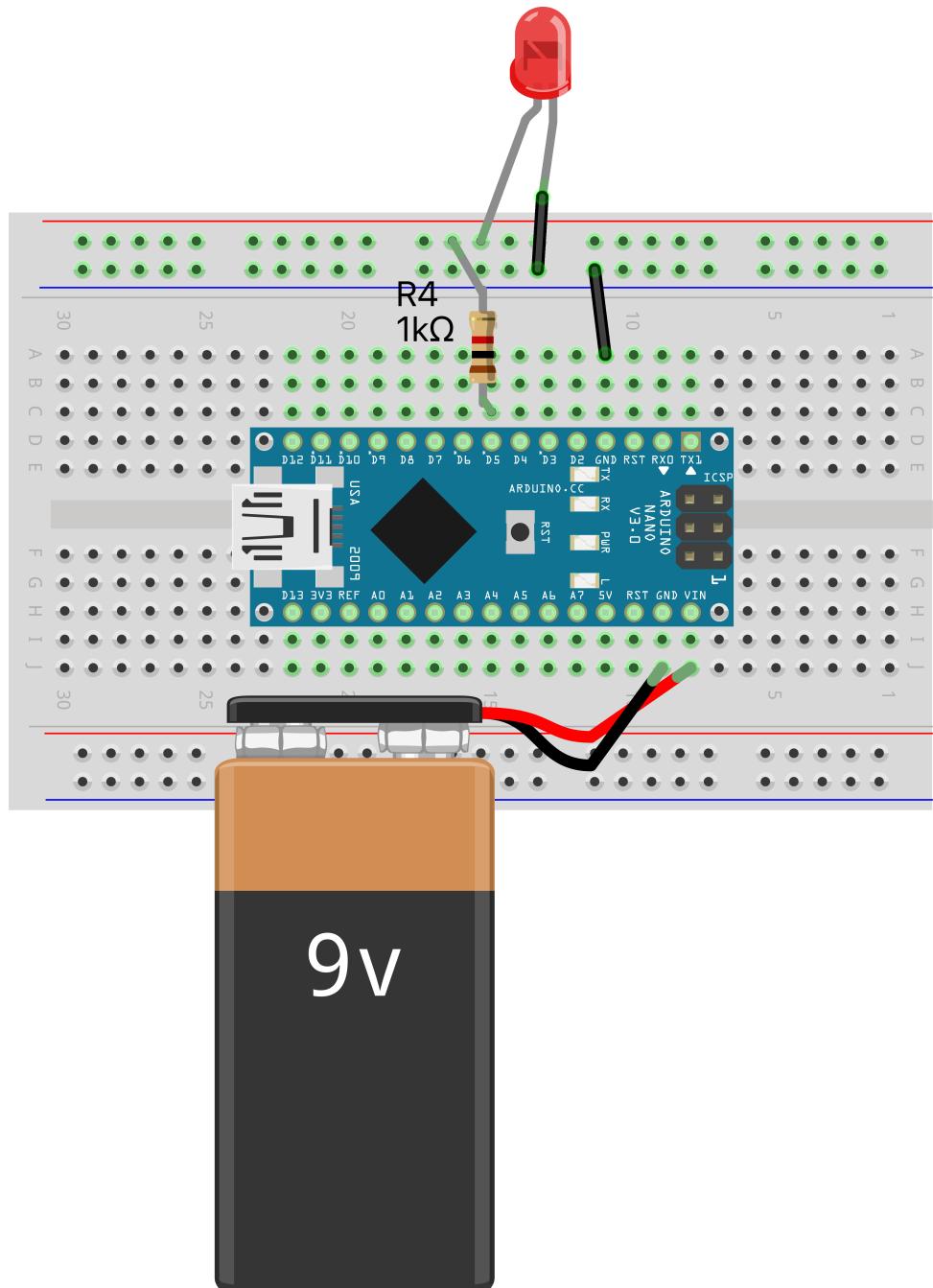
## Blinking LED

Connect an LED to pin 3. Blinks the LED on and off.



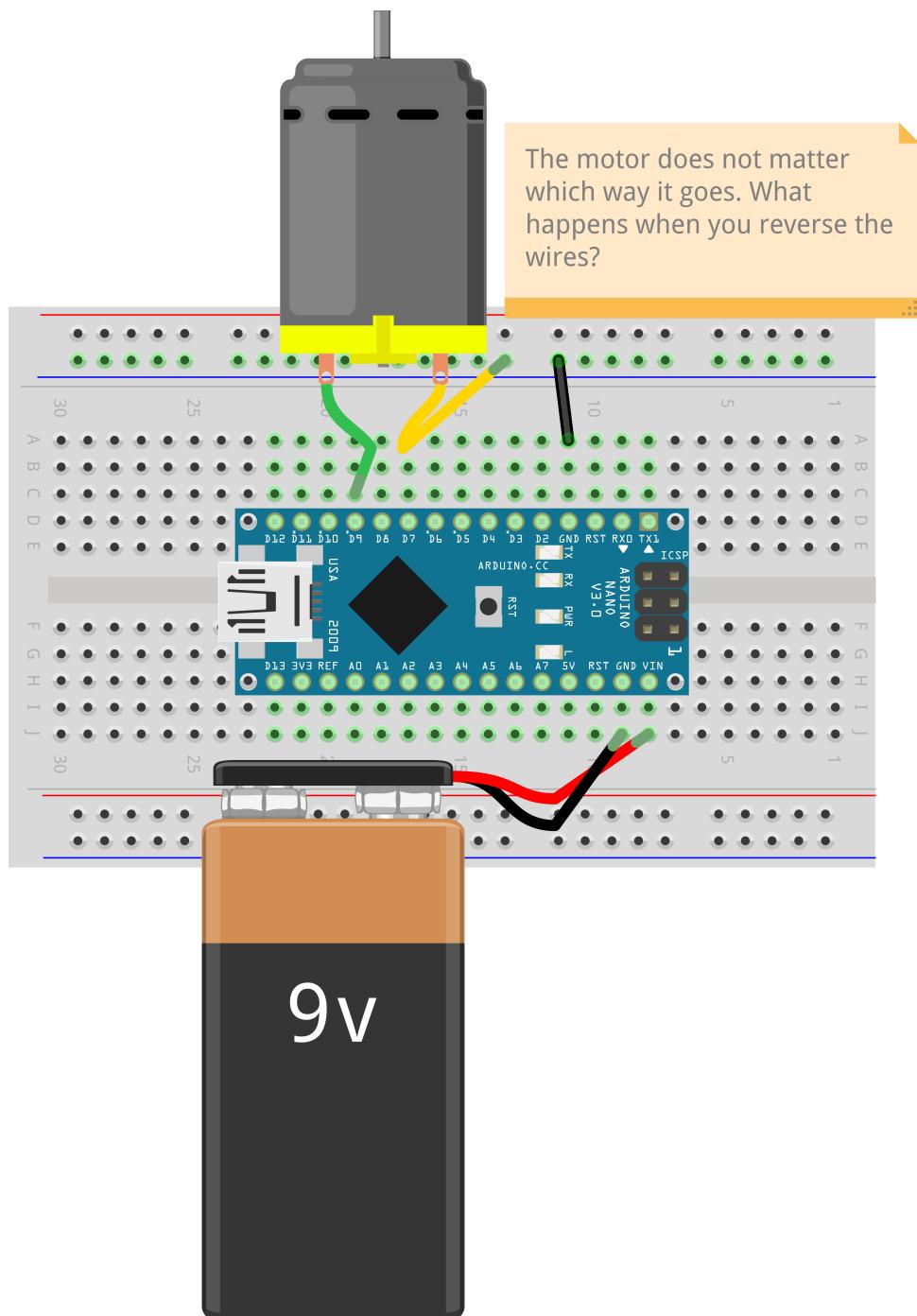
## Fading LED

Connect an LED to pin 5. Gradually change the LED brightness.



## DC Motor

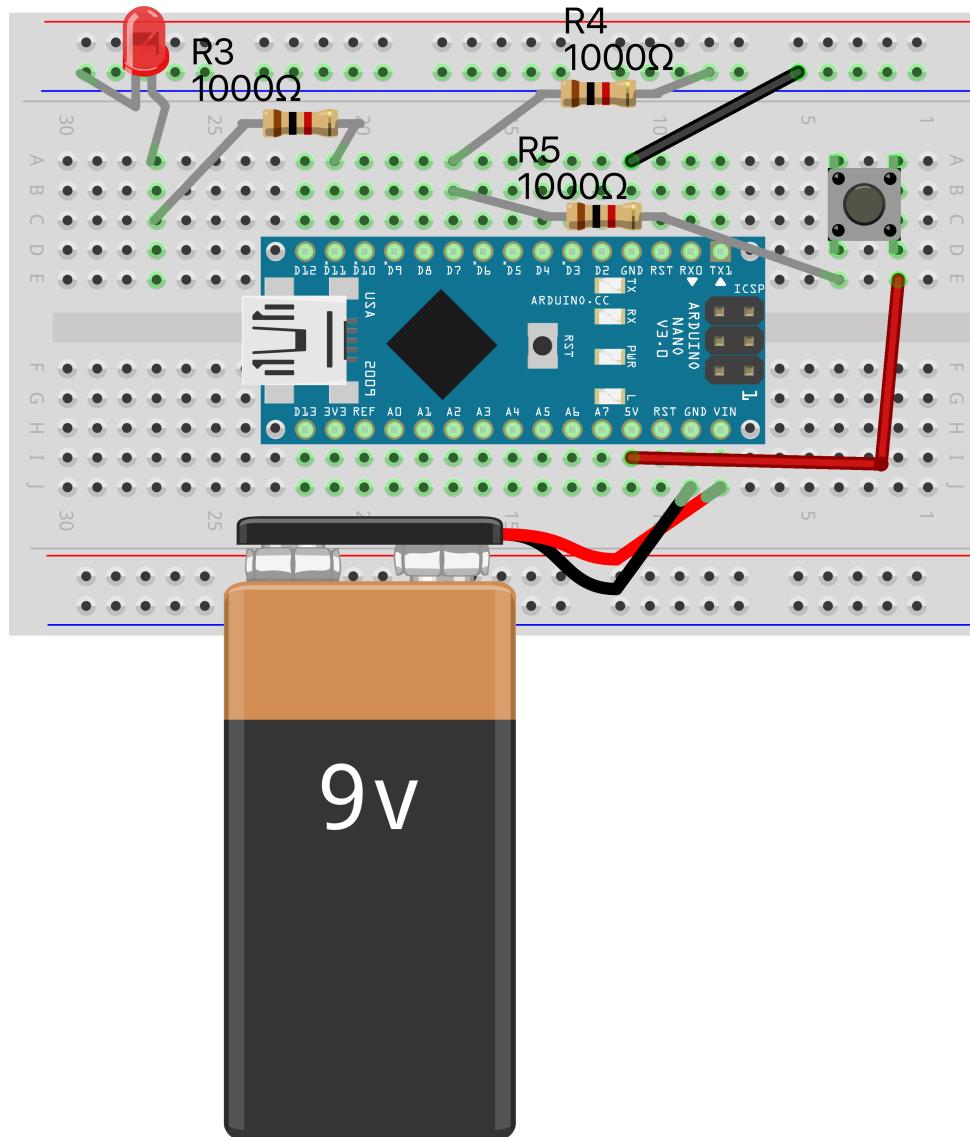
Connect a DC motor to pin 9. Controls the motor speed and direction.



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## Push Button Control

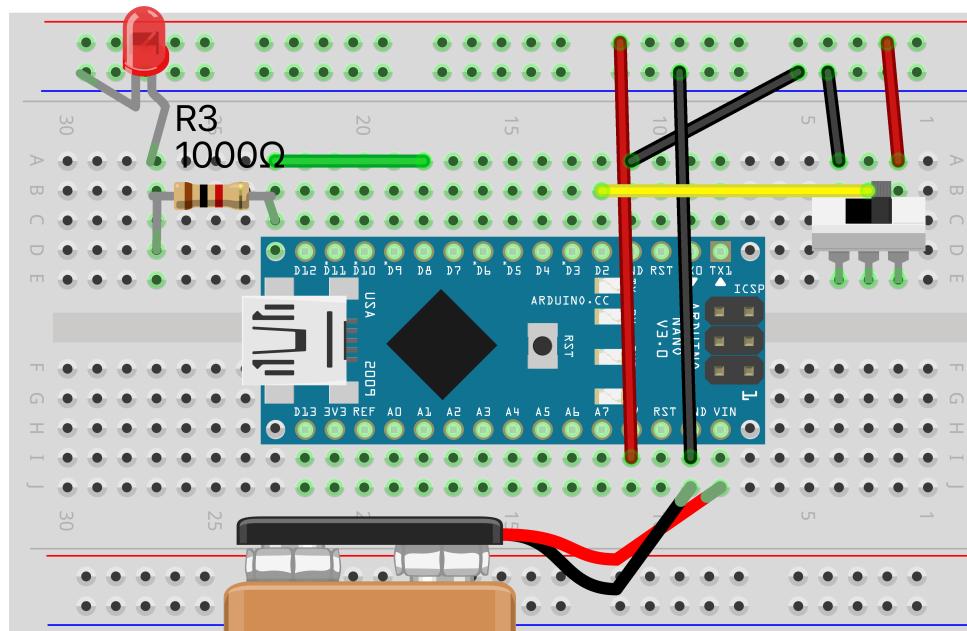
Connect a push button to pin 7. Connect an LED to pin 11. Controls an LED with the button.



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## Slide Switch Control

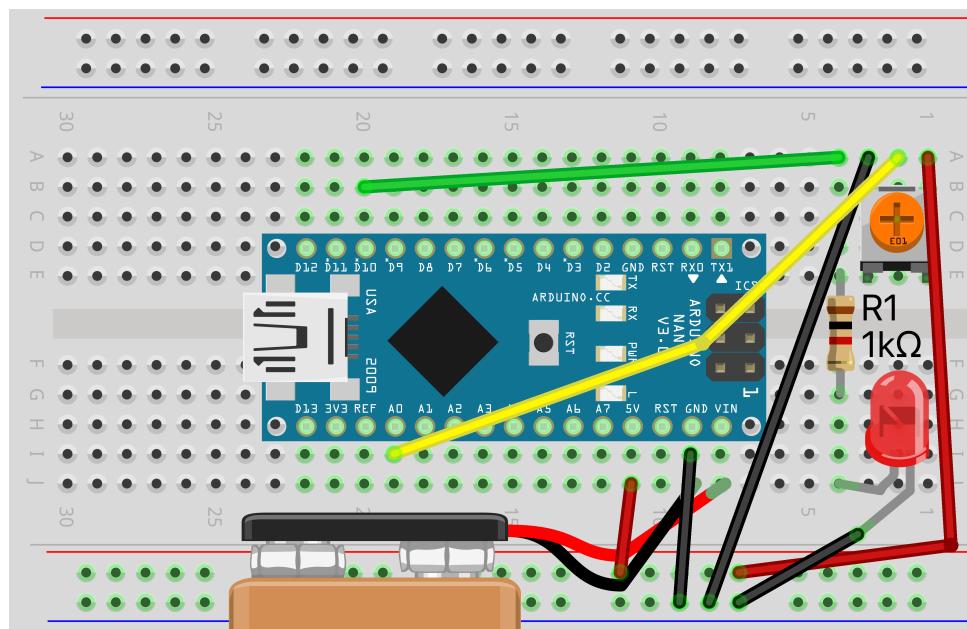
Connect a slide switch to pin 2. Connect an LED to pin 8. Toggle an LED with the switch.



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## Potentiometer Control

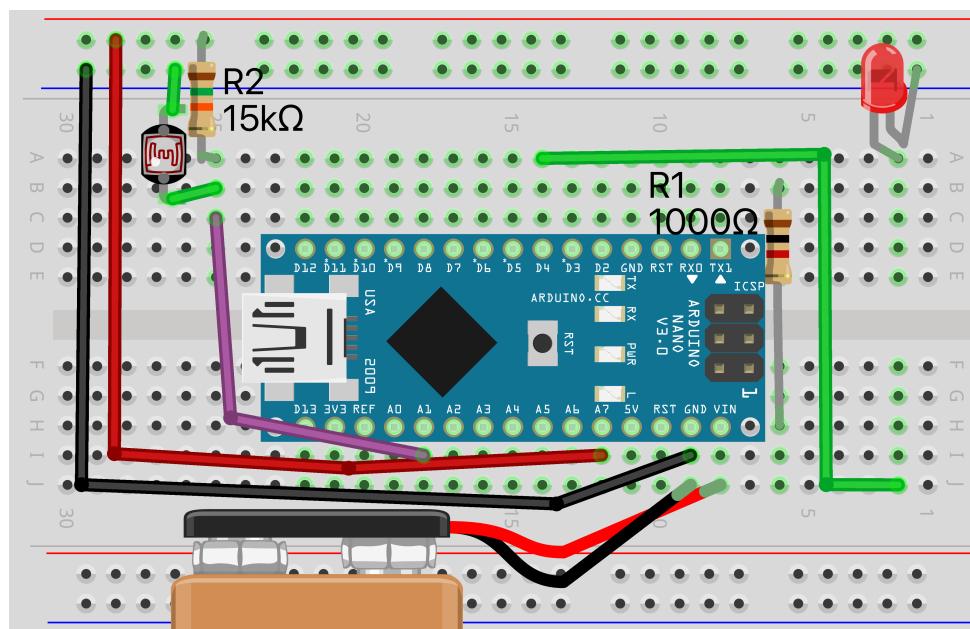
Connect a potentiometer to A0. Connect an LED to pin 10. Adjusts LED brightness with the potentiometer.



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## Photoresistor Control

Connect a photoresistor to A1. Connect an LED to pin 4. Turns on an LED based on light levels near photoresistor.



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