



```

    setup
      int = variable Blue
      int = value 4
      int = variable Fwd
      int = value 8
      int = variable Rev
      int = value 9
      int = variable Pot
      int = value A0
      digitalWrite() # Fwd HIGH
      digitalWrite() # Rev HIGH
    loop
      int = variable potValue
      int = value analogRead() # Pot
      int = variable potValue
      int = value potValue ÷ 40
      int = variable onTime
      int = value potValue
      int = variable offTime
      int = value 25 - onTime
      digitalWrite() # Blue HIGH
      digitalWrite() # Fwd LOW
      delay ms milliseconds onTime
      digitalWrite() # Blue LOW
      digitalWrite() # Fwd HIGH
      delay ms milliseconds offTime
  
```

In Speed Control 1, according to the program, the light and the motor should both be on at the same time. They are not, and this is because the motor driver works on inverse logic. In other words, to turn it on, it has to be made "LOW", and to turn it off it has to be made "HIGH".

This program rectifies the logic of the motor driver.