Setup()

Variable declaration and initialisation

Serial port setup to 9600 baud rate

End setup()

Loop()

time 5 seconds

Count += phototransistor interrupts

Count = count / 2

End timing

RPM = count \* 12

If RPM in required range

CONTINUE

Else if RPM < required range

Increase width of PWM peaks to increase supplied voltage

Else if RPM > required range

Decrease width of PWM peaks to decrease supplied voltage

End loop()