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1:  /*-----
2:  Projeto   : PWMo.C
3:  Data     : 27/04/2017
4:  Autor    : Prof. Vargas
5:  Descrição:
6:
7:  Freq_PWM = 4 KHz
8:  PR2      = 124
9:  CCPR1L:CCP1CON<4:5> = 250
10: Prescaler TIMER2 = 4
11:  -----*/
12:
13: void main()
14: {
15:     //Inicia PWM
16:     CCP1CON = 0b00001100; // Ajusta modo PWM
17:     CCP1CON.B4 = 0; // Ajuste do Duty Cycle do PWM
18:     CCP1CON.B5 = 1;
19:     CCPR1L = 0b00111110; //Controla Toff
20:     T2CON = 0b00000101;
21:     PR2 = 123; //Controla Ton ou Duty Cycle
```

```
22:     TRISC.RC2 = 0;
23:     while(1);           //mata o programa
24: }
```