CCS PIC-C built-in functions for PWM generation are:

void setup_ccpl(CCP_PWM) // CCP_PWM indicates that CCP module will be

// used for PWM generation,signal output to CCP1 pin

void setup_ccp2(CCP_PWM) // CCP_PWM indicates that CCP module will be

// used for PWM generation, signal output to CCP2 pin

void set_pwml_duty (value) // value is the 8- or 10-bit value indicating duty time (t),

// i.e. value of pulse-width register   on

void set_pwm2_duty (value) // value is the 8- or 10-bit value indicating duty time (t),

// i.e. value of pulse-width   on

PWM Period $T = (PR2+1) * (Tosc * 4) * (Timer 2 PrescaleValue)$ ...(Textbook Eqn. 9.2)

$t_{on} = (value\ of\ pulse\ width\ register) * (Tosc * (Timer 2 PrescaleValue))$ ...(Textbook Eqn. 9.3)