Functions:

void rtcinit(void)

Rtcinit() is to initialise timer2 to count by 1ms. Values not set by keypad is also counted as 0 as default.

void interrupt HighIsr(void)

This is the interrupt that will count down form the value set from the keypad. Motor stop will be used when count<0.

void setcountdownvalue(int value)

This function is being called by the keypad to set the value to be counted down to 0.

int getcountdown(void)

This function is called by the lcd to obtain the value of the time when its being counted down.