

```
int main (void){
char User_response;

setup_HW_Arduino_IO_Extra;

Serial.write("Press 'R' to enter time or 'r' to start at time zero ");
User_prompt_A;

if(User_response == 'R')set_time();
else {reset_clock_1; deci_SecsH = '0'; deci_SecsL = '0'; deci_sec_counter = 0; }
I2C_Tx_8_byte_array(digits);

Serial.write("AK to start\r\n");
waitforkeypress_A();

while(1){Timer_T0_10mS_delay_x_m(20); deci_sec_counter += 2;
if(deci_sec_counter == 864000)deci_sec_counter = 0;
Format_time_for_display();I2C_Tx_8_byte_array(digits);}}
```