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\* main.c

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\* Author: Administrator

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#include "../MCAL/DIO/DIO\_int.h"

#include "../MCAL/Timer/TIMER\_int.h"

#include "../MCAL/GIE/GIE\_int.h"

#include "../HAL/ssd/SSD\_int.h"

#include <util/delay.h>

#define F\_CPU 8000000UL

void Task(void) {

MTIMER\_vSetPreload(49);

SSD\_vCountUp();

}

int main(void) {

MTIMER\_vInit();

SSD\_vInit();

MTIMER\_vSetCallBackAddress(Task); // function is made to be executed when timers does it's job

// desired time = 100 ms

MTIMER\_vSetPreload(49);

MTIMER\_vSetInternalVal(212);

MGIE\_vEnable();

MTIMER\_vStart();

while(1) {

SSD\_vCountUp();

\_delay\_ms(100);

}

return 0;

}