/\*

\* GccApplication4.c

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\* Author : user-1

\*/

#define F\_CPU 8000000UL

#include <avr/io.h>

#include <util/delay.h>

int main(void)

{

DDRC = 0xff;

DDRA &=(0<<PA0);

DDRB |=(1<<PB0);

uint8\_t inputTemp = 0;

/\* Replace with your application code \*/

while (1)

{

// this is for the push button

inputTemp = PINA & 0x01;

if (inputTemp == 0x00)

{

PORTB |=(1<<PB0);

}else{

PORTB &=~ (1<<PB0);

}

// this is for continuous blinking..

for (int i =0; i<8;i++)

{

PORTC |=(1<<i);

\_delay\_ms(100);

PORTC &=(0<< i);

\_delay\_ms(100);

}

}

return 0;

}