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#include<reg51.h> //header file included

void delay(); //delay function declaration

void main()

{

unsigned int i;

while(1) //infinite loop for continuous saw tooth waveform generation

{

P2 = 0x55;

delay(100); //delay function call

P2 = 0xAA;

delay(100); //delay function call

}

}

void delay()

{

TR0 = 0;

TF0 = 0;

TL0 = 0x4b;

TH0 = 0xff;

TR0 = 1;

while(TF0 == 0)

{

}

TR0 = 0;

TF0 = 0;

}