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

void delay(unsigned int time); //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(unsigned int time) //for delay generation

{

unsigned int i,j;

for(i=0;i<time;i++)

for(j=0;j<1275;j++);

}