Interfacing of Stepper motor to 8051- software delay

using Timer

#include<reg51.h>

void ms\_delay(unsigned int t) //To create a delay

{

unsigned i,j ;

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

for(j=0;j<20000;j++);

}

void main()

{

while(1) // To repeat infinitely

{

P2=0x08; //P2 = 0000 1000 First Step

ms\_delay(1);

P2=0x04; //P2 = 0000 0100 Second Step

ms\_delay(1);

P2=0x02; //P2 = 0000 0010 Third Step

ms\_delay(1);

P2=0x01; //P2 = 0000 0001 Fourth Step

ms\_delay(1);

}

}

