12. Drive a Stepper Motor interface to rotate the motor in clockwise by N steps.

Introduce suitable delay between successive steps

PROGRAM:

#include<stdio.h>

#include<reg51.h>

charxdata port \_at\_ 0xe803;

charxdata porta \_at\_ 0xe800;

charidataacc \_at\_ 0x30;

delay()

{

int j;

for(j = 0;j < 800; j++)

{}

}

void main()

{

port = 0x80;

while(1)

{

acc = 0x88;

porta = acc;

delay();

acc = 0x44;

porta = acc;

delay();

acc = 0x22;

porta = acc;

delay();

acc = 0x11

porta = acc;

delay();

}

}

WRITTEN PROGRAM:



