LAB 11:

Drive a steper motor interface to rotate the motor in Anti clockwise by N steps .Introduce suitable delay between successive steps .

Program:-

#include<stdio.h>

#include<reg51.h>

char xdata port \_at\_ 0xe803;

char xdata porta \_at\_ 0xe800;

charidataacc \_at\_ 0x30;

delay()

{

int j;

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

{}

}

void main()

{

port = 0x80;

while(1)

{

acc = 0x11;

porta = acc;

delay();

acc = 0x22;

porta = acc;

delay();

acc = 0x44;

porta = acc;

delay();

acc = 0x88

porta = acc;

delay();

}

}

WRITTEN SCREENSHOT:



