TWISTER

Date _____ Page _____

Drive a stepper motor interface to rotate the motor in anti-clockwise by N steps. Introduces suitable delay between successive steps.

```
#include <stdio.h>
#include <reg51.h>
char xdata port_at_0xe80;
char xdata port a _at_ 0xe800;
char xdata acc _at_ 0x830;

delay()
{
int i, j;
for (j=0; j<800; j++)
    { }
    return 0;
}
void main()
{
port = 0x80;
while(1)
{
acc = 0x11;
port a = acc;
delay();
acc = 0x22;
port a = acc;
delay();
acc = 0x44;
port a = acc;
delay();
```

```
acc = 0xc88;
port a = acc;
delay (); }}
```

Diagram