Derive a Stepper Motor interface to rotate the motor in clockwise by N steps. Intro suitable delay b/w successive steps.

→
```c
#include <stdio.h>
#include <reg 51.h>
char x data  port_at_0xe803;
char x data  port_at_0xe800;
char i data acc_at_0x30;
delay () //delay b/w the rotation of the
                          motor.
{
    int j;
    for (j=0; j<800; j++)
    {}
}

void main ()
{
    port = 0x80; //config. all the ports of
                      8055 as output port.
    while (1)
    {
        acc = 0x88;
        port a = acc;
        delay ();
        acc = 0x44;
        port a = acc;
```

```
delay ();
acc = 0x11;
port a = acc;
delay ();
}

}
```