

1. Write a stepper motor interface to rotate the motor in anticlockwise by N steps. Introduce suitable delay between successive steps.

```
#include <stdio.h>
#include <reg51.h>
char xdata port_at_0xe803;
char xdata port_at_0xe800;
char xdata acc_at_0x30;

delay() {
    unsigned int j;
    for (j = 0; j < 800; j++) {
        // 
    }
}

void main() {
    port = 0x80;
    while (1) {
        acc = 0x11;
        porta = acc;
        delay();
        acc = 0x88;
        porta = acc;
        delay();
    }
}
```