

1) Drive a Stepper Motor interface to rotate the motor in Anti-clockwise by N steps. Introduce suitable delay between successive steps.

```
#include <stdio.h>
#include <reg51.h>
char xdata port_at_0xc803;
char xdata port_at_0xc800;
char xdata acc
char xdata acc_at_0xc30; char xdata acc_at_0xc30;
delay() {
    int j;
    for (j = 0; j < 800; j++) {
        }
    }
```

```
void main() {
    port = 0xc80;
    while(1) {
        acc = 0xc11;
        port = acc;
        delay();
        acc = 0xc88;
        port = acc;
        delay();
    }
}
```