

Anil

8051 - Programs :-

Q. Stepper motor interface :- to rotate the motor in anti-clockwise by N-steps .
introduce suitable delay.

```
#include <stdio.h>
#include <reg51.h>
char xdata port_at_0x803;
char xdata porta_at_0x800;
char idata acc_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();

}

}