

1. Program to drive Stepper Motor interface to rotate motor in Anti-clockwise by N steps.

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→ #include <stdio.h>
#include <reg51.h>
char xdata port_at_0xe803;
char xdata porta_at_0xe800;
char xdata acc_at_0x80;

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();
    }
}

```