Name - Vedika Dalmia , USN - IBM19CS181

Program - 2

Drive a stepper Motor interface to rotate the motor in clockwise by N steps. Introduce suitable delay b/w successive steps.

```c
#include <stdio.h>
#include <reg51.h>
char xdata port _ at _ 0xe803;
char xdata porta _ at _ 0xe800;
char idata acc _ at _ 0x30;
delay()
{
    int j;
    for(j=0; j<800; j++)
    {}
}
void main()
{
    port = 0x80;
    while(1)
    {
        acc = 0x88;
        porta = acc;
        delay();
        acc = 0x44;
        porta = acc;
        delay();
        acc = 0x22;
        porta = acc;
        delay();
        acc = 0x11;
        porta = acc;
        delay();
    }
}
```