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- ② Drive a Stepper Motor interface to rotate the motor in clockwise by N steps, introduce suitable delay between successive steps.

Soln:-

```
#include <stdio.h>
#include <reg51.h>
char xdata port_at_0xe803;
char xdata porta_at_0xe800;
char idata acc_at_0x30;

delay() // DELAY BETWEEN THE ROTATION OF
        THE STEPPER MOTOR
{
    int j;
    for(j=0; j<800; j++)
    {
    }
}

void main()
{
    port = 0x80; // CONFIGURE ALL THE PORTS OF
    while(1)     8255 AS OUTPUT PORT
    {
        acc = 0x88;
        porta = acc;
        delay();
        acc = 0x44;
        porta = acc;
        delay();
        acc = 0x22;
        porta = acc;
```

② ①


```

delay();
acc = 0x11;
porta = acc;
delay();
}
}

```

