POOJA·K

18M19CS111

8051

Lab program 12

Drive a Stepper Motor interface to rotate the
motor in clockwise by N steps. Introduce suitable
delay between 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();
}
}
```