POOJA·K

I BM19CSII1

8051

Lab program 11

- Drive a stepper motor interface to rotate the motor in Anti-clockwise direction by N steps Introduce suitable delay between successive steps

```
# include<stdio.h>
# include< reg51.h>
char  xdata port_at 0xe803;
char  xdata porta_ at 0xe800;
char idataacc_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 ();
     }
  }
```