Vasanth Kumar T

1BM19CS180

Derive a stepper Motor interface to rotate the monitor in anti-clockwise by N Steps introduce suitable delay b/w successive steps.

→
```c
#include <stdio.h>
#include <regsl.h>
char xdataport_at_0xe803;
char xdataport_at_0xc800;
char xdataacc_at_0xc830;
delay() //delay b/w the rotation of motor
{
    int i;
    for(j=0; j<800; j++)
    {}
}
void main()
{
    port=0x80; // configure all ports of 8255 as
                    output port

    while(1)
    {
    acc = 0x11;
    port a = acc;
    delay();
    acc = 0x22;
    port a = acc;
    delay();
    acc = 0x44;
    port a = acc;
```

```
delay();
acc = 0x88;
Porta = acc;
delay();
```