Program - 2

Derive 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>
charxdata port_at_0xe803;
charxdata port_at_0xe800;
charidataacc_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 8255 as output port.

while (1)
{
acc = 0x88;
porta = acc;
delay ();
acc = 0x44;
port a = acc;
```

```
delay ();
acc = 0x22;
porta = acc;
delay ();
acc = 0x11
porta = acc;
delay();
}
}
```