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>
charxdata port at Oxe803;
charxdata porta at Oxe800;
chari dataacc 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

```
poota = acc;
delay ();
acc = OX88;
poota = acc;
delay ();
}
}
```

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