LAB 11

Aditya Satish Kumar
IBM19CS191

Q) Drive a step Stepper Motor interface to cobal

Q) Drive a Stepper Motor interface to rotate the motor in Anti-clockwise by N steps. Introduce suitable delay between successive steps.

Ans:

```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 = 0x11;
        porta = acc;
        delay();
        acc = 0x22;
        porta = acc;
        delay();
        acc = 0x44;
        porta = acc;
        delay();
        acc = 0x88;
```

Aditya Patil Kumar
18M19CS191

```
del posla= acc;
      delay ();
   {
{
```