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## LAB PROGRAM - 11

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

A.

```
#include <stdio.h>
#include <reg51.h>
char xdata port at 0xe803;
char xdata port at 0xe800;
char idata acc at 0x30;
delay()
{
    int j;
    for(j=0; j<800; j++)
    {
    }
}

void main()
{
    port = 0x80;
    while(1)
    {
        acc = 0x11;
        port = acc;
        delay();
        acc = 0x22;
        port = acc;
        delay();
        acc = 0x44;
        port = acc;
        delay();
        acc = 0x88;
```

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```
post_a = acc;  
delay C;
```

```
}
```

```
}
```