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IBM19 CS200

Display messages BANGALORE in rolling fashion on a 7 segment display interface for a suitable period of time

```c
#include <stdio.h>
#include <reg51.h>
char xdata Comm W_at_Oxe803;
char x data portB_at_Oxe803;
char x data port C_at_Oxe802;
char port[20] = { 0xff, 0xff, 0xff, 0xff, 0x88,
                  0x88, 0xC8, 0x82, 0x88, 0xC7,
                  0xC0, 0xAF, 0x86 };i;


delay()
{
    long u;
    for(u = 0; u<4000; u++);
}


void main()
{
    int d, b, j, m;
    unsigned char k;
    commW = 0x80;
    do
    {
        i=0;
        for(d= 0; d<1; d++)
        {
            for(b=13; b>0; b--)
            {
                delay();
                k= port[i++];
                for(j=0; j<8; j++)
```

```
{
    m = k;
    k = k & 0x80;
    {
        if( k == 00)
            port B = 0x00;
        else
            port B = 0x01;
    }
        portC = 0x01;
        portC = 0x00;
        k = m;
        k<<=1;
    }
    }
    }
    delay();
    }
    }
    while(1);
    }
```