

Display msg BANGALORE in rolling fashion on a 7-seg display interface for a suitable period of time.

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→ #include <stdio.h>
#include <reg 51.h>
char xdata CommW_at_0xe803;
char xdata portB_at_0xe801;
char xdata portC_at_0xe802;
char port[20] = {0xff, 0xff, 0xff, 0xff,
                 0x83, 0x88, 0xc8, 0x82,
                 0x88, 0xc7, 0xc0, 0xaf,
                 0x86, 0, 0, 0, 0, 0, 0, 0};

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

void main()
{
    int id, b, j, m;
    unsigned char k;
    CommW = 0x80;
    do
    {
        i=0;
        for (id=0; id<1; id++)
        {
            for (b=13; b>0; b--)
            {
                delay();
                k = port[i++];
            }
        }
    } while(1);
}

```

```

for (j=0; j<8; j++)
{
    m = k;
    k = k & 0x80;
}
if (k == 00)
    port B = 0x00;
else
    port B = 0x01;
}
port C = 0x01;
port C = 0x00;
k = m;
K <<= 1;
}
}
delay();
}
}
while (1);
}

```