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

```
→ #include <stdio.h>
#include <reg51.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 }, 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=013; b>0; b--)
```

```
{
```

```
delay();
```

```
k=port[i++];
```

```
for (j=0; j<8; j++)
```

```
{
```

```
m=k;
```

```
k=k&0x80;
```

```
{
```

```
if (k==00)
```

```
portB=0x00;
```

```
else
```

```
portB=0x01;
```

```
}
```

```
portC=0x01;
```

```
portC=0x00;
```

```
k=m;
```

```
k<<=1;
```

```
}
```

```
}
```

```
delay();
```

```
}
```

```
}
```



while (1);

}