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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 - 0x803;
char xdata portB - at - 0x801;
char xdata portC - at - 0x802;
char port[20] = { 0xFF, 0xFF, 0xFF, 0xFF,
                  0x83, 0x8B, 0xC8, 0x82, 0x88,
                  0xC7, 0xC0, 0xAF, 0x86};
```

```
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[1+t];  
for(j=0; j<8; j++)  
{  
    m = R;  
    K = K & 0x80;  
    if(K == 00)  
        portB = 0x00;  
    else  
        portB = 0x01;  
    portC = 0x01;  
    portC = 0x00;  
    K = m;  
    K <<= 1;  
    i(i+1);  
    delay();  
}  
while(1);
```