

Display messages BANGALORE in rolling fashion on a 7-segment 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, 0xc0, 0xc7, 0xc0, 0xaf, 0x86}, i;
```

```
delay()
```

```
{
```

```
long u;
```

```
for (u = 0; u < 4000; u++);
```

```
return 0;
```

```
}
```

```
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 &amp; 0x80;

{

if (k == 00)

portB = 0x00;

else

portB = 0x01;

{

portC = 0x01;

portC = 0x00;

k = m;

k &lt;&lt;= 1;

}

}

~~delay~~ delay();

{

}

while (1);

{