3. display messages BANGALORE in rolling
   fashion on a 7 segment display inter
   face for a suitable period of Time

```c
#include<stdio.h>
#include<reg51.h>
char xdata comm W-at_0xe803;
char xdata port B_at_0xe801;
char xdata port C-at_0xe802;
char port[20] = {0xff, 0xbf, 0xbf, 0x83,
0x8c, 0xc8, 0x82, 0xc7, 0xc0, 0xAF, 0x86, i;

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

void main()
{
```

```c
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 x 0x80;
{
if (K==00)
port B = 0x00;
else
port B = 0x01;
}
port C = 0x01;
port C = 0x00;
K = m;
K << =1;
}
}
delay();
}
}
while (1);
}
```