14. Display messages BANGALORE in rolling fasion on a 7-segment display interface

for a suitable period of time.

PROGRAM:

#include<stdio.h>

#include<reg51.h>

charxdataCommW \_at\_ 0xe803;

charxdataportB \_at\_ 0xe801;

charxdataportC \_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()

{

intd,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&0x80;

{

if(k==00)

portB=0x00;

else

portB=0x01;

}

portC = 0x01;

portC = 0x00;

k=m;

k<<=1;

}

}

delay();

}}

while(1);

}

WRITTEN:



