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IBM19CS195

8. Display messages FIRE and HELP alternately with flickering effects on a 7-segment display interface for a suitable period of time. Ensure a flashing rate that made it easy to read the messages.

```
#include <stdio.h>
#include <regsih>

char xdata commW_at_ 0xe803;
char xdatapos13_at_0xe801.
char xdataposic_at 0xe802;
delay()
{
long u;
for (w=0; u<5000; u++);
}
void main()
{
int d, b, i, m;
unsigned char k;
commW= 0x80;
do
{
i=0;
for (d=0; d<3; d++)
{
for (b=0; b<4; b++)
{
k= p ort (i++);
for (j=0; j<8; j++)
{
m=k;
```

```c
K = K40n80;
{
if (k==00)
  PootB= 0x00;
    else

  post B= 0x01;
  }
  Post C = 0x01;
  post C = 0x00;
   K=n;
   Kcc=1;
   }
  ]
delay();
  }
  }
  while(L1);
  }
```

Experiment 3→ circuit diagram.