

④ → Bangalore

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

```
#include <reg51.h>
```

```
char xdataCommH = at - 0xe803;
```

```
char xdataPortB = at - 0xe801;
```

```
char xdataPortC = at - 0xe802;
```

```
char port[20] = {0xff, 0xff, 0xff, 0x83, 0x88, 0xc8, 0x82, 0x88,  
0xc7, 0xc0, 0xaf, 0x86, i};
```

```
delay()
```

```
{
```

```
long u;
```

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

```
}
```

```
void main()
```

```
{  
int d, i, j, m;
```

```
unsigned char k;
```

```
CommH = 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)
```

```
port B=0x00;
```

```
else
```

```
port B=0x01;
```

```
{
```

```
port C=0x01;
```

```
port C=0x00;
```

```
k=m;
```

```
k<<=1
```

```
}
```

```
}
```

```
delay();
```

```
}
```

```
while(1); }
```