OUTPUT:

```c
#include <reg51.h>

void delay();

void main() {
    int i;
    unsigned char a[10] = {0xBF,0x86,0xDB,0xCF,0xE6,0xED,0xFD,0x87,0xFF,0xEF};
    P3 = 0x80;

    while(1) {
        for(i = 0; i < 10; i++) {
            P2 = a[i];
            delay();
        }
    }
}

void delay() {
    int j, k;
    for(j = 0; j < 1000; j++) {
        for(k = 0; k < 100; k++);
    }
}
```