

OUTPUT:

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

```
void delay();
```

```
void main() {  
    while(1) {  
        P2 = 0xFF; // All LEDs OFF  
        delay();  
        P2 = 0x00; // All LEDs ON  
        delay();  
    }  
}
```

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