```
1    void main() {
2
3        S();
4        T();
5        A();
6        //  S();
7        I();
8        //  S();
9    }
10
11
12
13   void S() {
14
15       if (3rd position == Green || 3rd position == Red) {
16           Blue = Green;
17       }
18       else {
19           Green = Red;
20       }
21   }
22
23   void T() {
24
25       if (2nd position == Red || 2nd position == Yellow) {
26           Swap the 1st with the last;
27       }
28   }
29
30   void A() {
31
32       if (Red >= 2) {
33           Blue = Green;
34       }
35       if (White >= 2) {
36           Swap the 2nd with the 4th;
37       }
38       if (Yellow >= 2) {
39           Swap the 1st with the 3rd;
40       }
41   }
42
43   void I() {
44
45       Reverse order;
46   }
```