

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