

```
1  #include <iostream>
2
3  using namespace std;
4
5  enum Color
6  {
7      WHITE, BLACK, GREEN, BLUE, RED
8  };
9
10 void printcolor(Color c)
11 {
12     switch (c)
13     {
14         case WHITE: cout << "Белый";
15                     break;
16         case BLACK: cout << "Черный";
17                     break;
18         case GREEN: cout << "Зеленый";
19                     break;
20         case BLUE: cout << "Голубой";
21                     break;
22         case RED: cout << "Красный";
23                     break;
24     }
25 }
26
27 const char colorsNames[][20] = {"Белый", "Черный", "Зеленый", "Голубой", "Красный"};
28
29 void printcolor2(Color c)
30 {
31     cout << colorsNames[c - 1];
32 }
33
34 int main()
35 {
36     Color color = GREEN;
37     cout << color << "- ";
38
39     printcolor(color);
40
41     for (Color r = WHITE; r <= RED; r = Color(r + 1))
42     {
43         cout << r << "- ";
44         printcolor2(r);
45         cout << endl;
46     }
47
48     cout << endl;
49
50     for (Color r = WHITE; r <= RED; r = Color(r + 1))
51     {
52         cout << r << "- ";
53         printcolor(r);
54         cout << endl;
55     }
56
57     return 0;
58 }
59
```