

```

#include <iostream>
using namespace std;

struct Table{
    int width;
    int length;
    int hight;
    int color;
};

void InitTable(struct Table * table) {
    cout << endl << "Enter Table Width: ";
    cin >> table->width;
    cout << "Enter Table Length: ";
    cin >> table->length;
    cout << "Enter Table Hight: ";
    cin >> table->hight;
    cout << "Enter Table Color: ";
    cin >> table->color;
}

void PrintTable(struct Table table) {
    cout << endl << "The Table Width: " << table.width << endl;
    cout << "The Table Length: " << table.length << endl;
    cout << "Enter Table Hight: " << table.hight << endl;
    cout << "Enter Table Color: " << table.color << endl;
}

bool IsBlack(struct Table table) {
    return table.color == 0;
}

int main() {
    struct Table table1, table2;

    InitTable(&table1);
    InitTable(&table2);
    PrintTable(table1);
    PrintTable(table2);

    if (IsBlack(table1)) // true\false
        cout << endl << "The Table Color is Black !!!" << endl;
    else
        cout << endl << "The Table Color is not Black !!!" <<
endl;
    return 0;
}

```

```

#include <iostream>
using namespace std;

class Table
{
public:
    Table();
    Table(int w, int l, int h, int c) {
        width = w;
        length = l;
        hight = h;
        color = c;
    };
    void PrintTable();
    bool IsBlack();
    int getColor() { return color; };
    ~Table(){
        cout << "Delete Object Table !!!" << endl;
    };
private:
    int width;
    int length;
    int hight;
    int color;
};

Table::Table(){
    cout << endl << "Enter Table Width: ";
    cin >> width;
    cout << "Enter Table Length: ";
    cin >> length;
    cout << "Enter Table Hight: ";
    cin >> hight;
    cout << "Enter Table Color: ";
    cin >> color;
}

void Table::PrintTable( ) {
    cout << endl << "The Table Width: " << width << endl;
    cout << "The Table Length: " << length << endl;
    cout << "Enter Table Hight: " << hight << endl;
    cout << "Enter Table Color: " << color << endl;
}

bool Table::IsBlack( ) {
    return color == 0;
}

```

```
int main() {
    Table table1, table2(2, 3, 4, 5);

    cout << endl << table1.getColor();

    table1.PrintTable();
    table2.PrintTable();

    if (table1.IsBlack()) // true\false
        cout << endl << "The Table Color is Black !!!" <<
endl;
    else
        cout << endl << "The Table Color is not Black !!!"
<< endl;
    return 0;
}
```