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TRPO_ALL_TASKS / Task_2_SwitchCase_IFELSE / ТРПО_Восточный_Календарь / Source.cpp

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EugeneJuravsky refactor

Latest commit 646eee7 1 hour ago

History

1 contributor

91 lines (80 sloc) | 1.22 KB

Raw

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```
1  #include <iostream>
2  using namespace std;
3  void Years(int& year);
4  void InputTheYear(int& year);
5  void ToDooze(int& dooze, int year);
6  void OutputTheAnimal(string animal);
7  string AnimalOfYear(int dooze);
8  int main()
9  {
10     int year, dooze;
11
12     InputTheYear(year);
13     Years(year);
14     ToDooze(dooze, year);
15     OutputTheAnimal( AnimalOfYear(dooze) );
16 }
17
18 void OutputTheAnimal(string animal) {
19     cout << animal;
20 }
21
22 void InputTheYear(int& year){
23     cout << "Введите год\n";
24     cin >> year;
25 }
26
27 void Years(int& year) {
28
29     if (year >= 1900)
30     {
31         year = year - 1900;
32     }
33     else
34     {
35         while (year < 1900)
36         {
37             year = year + 12;
38         }
39         year = year - 1900;
40     }
41 }
42
43
44 void ToDooze(int& dooze, int year) {
45     dooze = year % 12;
46 }
47
48 string AnimalOfYear(int dooze) {
49
50     switch (dooze)
51     {
52     case 0:
53         return "Крысы";
54         break;
55     case 1:
56         return "Бык";
57         break;
58     case 2:
59         return "Тигр";
60         break;
61     case 3:
62         return "Кот";
63         break;
64     case 4:
65         return "Дракон";
66         break;
67     case 5:
68         return "Змея";
69         break;
70     case 6:
71         return "Лошадь";
72         break;
73     case 7:
74         return "Коза";
75         break;
76     case 8:
77         return "Обезьяна";
78         break;
79     case 9:
80         return "Петух";
81         break;
82     case 10:
83         return "Собака";
84         break;
85     case 11:
86         return "Свинья";
87         break;
88     }
89 }
90 }
91
```



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