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EugeneJuravsky Tasks

Latest commit 6a3a2d5 17 days ago

History

1 contributor

70 lines (63 sloc) 857 Bytes

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```
1  #include <iostream>
2  using namespace std;
3
4  int main()
5  {
6      int year, dooze;
7
8      cout << "Введите год\n";
9      cin >> year;
10
11     if (year >= 1900)
12     {
13         year = year - 1900;
14     }
15     else
16     {
17         while (year < 1900)
18         {
19             year = year + 12;
20         }
21         year = year - 1900;
22     }
23
24     dooze = year % 12;
25
26     switch (dooze)
27     {
28     case 0:
29         cout << "Крысы";
30         break;
31     case 1:
32         cout << "Бык";
33         break;
34     case 2:
35         cout << "Тигр";
36         break;
37     case 3:
38         cout << "Кот";
39         break;
40     case 4:
41         cout << "Дракон";
42         break;
43     case 5:
44         cout << "Змея";
45         break;
46     case 6:
47         cout << "Лошадь";
48         break;
49     case 7:
50         cout << "Коза";
51         break;
52     case 8:
53         cout << "Обезьяна";
54         break;
55     case 9:
56         cout << "Петух";
57         break;
58     case 10:
59         cout << "Собака";
60         break;
61     case 11:
62         cout << "Свинья";
63         break;
64     }
65
66
67     cout << endl;
68     system("pause");
69     return 0;
70 }
```



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EugeneJuravsky refactor

Latest commit 646eee7 1 hour ago

History

1 contributor

91 lines (80 sloc) | 1.22 KB

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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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Внёс ввод из консоли в функцию **InputTheYear()**

Расчёт года в функцию **Years()**

Нахождение года кратного 12 **ToDooze()**

Нахождение животного соответствующего году
AnimalOfYear()

Вывод животного **OutputAnimal()**