Зайцев Данила 2 ИСИП-419

Основы алгоритмизации и программирования

L6: Изучить основы С++ и библиотеку “cmath”. Выполнить задание по книге "Практикум\_OsnovAlgoritm». По 4 варианта задачи, желательно не повторяющихся.

3 Операторы выбора

L6: Изучил основы языка С++, стандартную библиотеку и “cmath” вместе с математическими функциями С++. Для решения задач использовал массивы и класс “string” для работы со строками. Закрепил знания на практике, выполнив задания по книге "Практикум\_OsnovAlgoritm".

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| --- | --- |
|  | #include <iostream>  #include <string>  #include <cstring>  int main()  {  using namespace std;  int year; cin >> year;  int m; cin >> m;  if ( year % 4 != 0 || year % 100 == 0 && year % 400 != 0 )  {  string moth[13]{ "","31","28","31","30","31","30","31","31","30","31","30","31" };  cout << moth[m] << " In moth";  }  else  {  string moth[13]{ "","31","29","31","30","31","30","31","31","30","31","30","31" };  cout << moth[m] << " In moth";  }  return 0;  } |
|  | #include <iostream>  #include <string>  int main()  {  using namespace std;  string moth[14]{ "","February","March","April","May","June","July","August","September","October","November","December","January" };  int n;  cin >> n;  cout << moth[n];  return 0;  } |
|  | #include <iostream>  #include <string>  int main()  {  using namespace std;  string klass[12]{ "","first-grader","a second-grader","third grader","fourth-grader","fifth grader","sixth grader","seventh grader","eighth grader","ninth grader","ninth-grader","eleventh graders" };  int k;  cin >> k;  cout << "Hello, " << klass[k];  return 0;  } |
|  | #include <iostream>  #include <string>  #include <cstring>  int main()  {  using namespace std;  int moth[13]{ 0,31,28,31,30,31,30,31,31,30,31,30,31 };  int nm = 0;  cin >> nm;  int n; cin >> n;  int s = 0;  nm = nm - 1;  while (nm > 0)  {  s = s + moth[nm];  nm = nm - 1;  }  cout << s + n;  return 0;  } |