https://github.com/enkidomusic/labs.git

#include <iostream>

#include <string>

#include <locale>

#include <windows.h>

using namespace std;

int main()

{

setlocale(LC\_ALL, "Russian");

SetConsoleCP(1251);

SetConsoleOutputCP(1251);

int task;

do {

cout << "choose a task. type 0 to exit." << endl;

cin >> task;

switch (task) {

case 1:

{

string days1[] = { "ноль","первое","второе","третье","четвертое","пятое","шестое","седьмое","восьмое","девятое","десятое","одиннадцатое","двенадцатое","тринадцатое","четырнадцатое","пятнадцатое","шестнадцатое","семнадцатое","восемнадцатое","девятнадцатое","двадцатое","тридцатое" };

string days2[] = { "ноль","один","двадцать","тридацать" };

string months[] = { "ноль","января","февраля","марта","апреля","мая","июня","июля","августа","сентября","октября","ноября","декабря" };

int a, b;

cin >> a >> b;

if (a / 10 >= 2) {

if (a % 10 != 0) {

if (a / 10 == 2) cout << days2[a / 10] << " " << days1[a % 10] << " ";

if (a / 10 == 3) cout << days2[a / 10] << " " << days1[a % 10] << " ";

}

else {

if (a / 10 == 2) cout << days1[20] << " ";

if (a / 10 == 3) cout << days1[21] << " ";

}

}

else cout << days1[a] << " ";

cout << months[b] << endl;

break;

}

case 2:

{

char a;

int b = 0;

cin >> a >> b;

if (a == 'С' && b == 0) cout << "С" << endl;

if (a == 'С' && b == 1) cout << "З" << endl;

if (a == 'С' && b == -1) cout << "В" << endl;

if (a == 'З' && b == 0) cout << "З" << endl;

if (a == 'З' && b == 1) cout << "Ю" << endl;

if (a == 'З' && b == -1) cout << "С" << endl;

if (a == 'Ю' && b == 0) cout << "Ю" << endl;

if (a == 'Ю' && b == 1) cout << "В" << endl;

if (a == 'Ю' && b == -1) cout << "З" << endl;

if (a == 'В' && b == 0) cout << "В" << endl;

if (a == 'В' && b == 1) cout << "С" << endl;

if (a == 'В' && b == -1) cout << "Ю" << endl;

break;

}

case 3:

{

string zad1[] = { "ноль","одно","два","три","четыре","пять","шесть","семь","восемь","девять","десять","одиннадцать","двенадцать","тринадцать","четырнадцать","пятнадцать","шестнадцать","семнадцать","восемнадцать","девятнадцать","двадцать","тридцать","сорок" };

int a;

cin >> a;

if (a <= 20) cout << zad1[a] << " ";

else {

if (a / 10 == 2) cout << zad1[20] << " ";

if (a / 10 == 3) cout << zad1[21] << " ";

if (a / 10 == 4) cout << zad1[22] << " ";

cout << zad1[a % 10] << " ";

}

if (a % 10 == 1) cout << "учебное задание" << endl;

if (a % 10 == 2 || a % 10 == 4 || a % 10 == 3) cout << "учебных задания" << endl;

else cout << "учебных заданий" << endl;

break;

}

case 4:

{

int a;

cin >> a;

string sot1[] = { "сто","двести","триста","четыреста","пятьсот","шестьсот","семьсот","восемьсот","девятьсот" };

string ed1[] = { "один","два","три","четыре","пять","шесть","семь","восемь","девять","десять","одиннадцать","двенадцать","тринадцать","четырнадцать","пятнадцать","шестнадцать","семнадцать","восемнадцать","девятнадцать" };

string dec1[] = { "двадцать","тридцать","сорок","пятьдесят","шестьдесят","семьдесят","восемьдесят","девяносто" };

if (a / 100 > 0) cout << sot1[a / 100 - 1] << " ";

if (a % 100 < 20) cout << ed1[a % 100 - 1] << endl;

else {

cout << dec1[a % 100 / 10 - 2] << " " << ed1[a % 10 - 1] << endl;

}

break;

}

case 5:

{

int a;

cin >> a;

a = a % 60 - 3;

int b = a % 12 - 1;

a = a / 12;

string color1[] = { "зелен","красн","желт","бел","черн" };

string animal1[] = { "крысы","коровы","тигра","зайца","дракона","змеи","лошади","овцы","обезьяны","курицы","собаки","свиньи" };

string animal = animal1[b];

cout << "год" << " " << color1[a];

char last1 = animal[animal.size() - 1];

if (last1 == 'ы' || last1 == 'и') cout << "ой ";

if (last1 == 'а') cout << "ого ";

cout << animal << endl;

break;

}

}

}

while (task != 0);

}