// course : comsc - 200

// main.cpp

// AS3

// completed

// Created by Jeff on 9/1/16.

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//

#include <iostream>

#include <string>

using namespace std;

//declear a number class

//which include month and day

class Numbers{

private:

int number; //hold a number

static string month[12];

static int lessThan31[31];

public:

Numbers(int x){

number = x;

}

void print();

};

//static member varibale must be define outside of the class

//define the string number::month

string Numbers::month[12] = {

"January","February","March",

"April","May","June","July","August","September","October","November","December",

};

//define the string number::day ?? or not ??

// void print

void Numbers::print()

{

int residue = number;

int n\_month = residue/31;

residue = residue % 31;

if(number>31 ){

cout << " " << month[n\_month] << " " << residue <<endl;

}

if(n\_month<=1 && number <=31)

cout<< "January " << " " << number;

}

int main() {

int number;

cout << "This program coverts a number "<< endl;

cout <<"into a string representing the month and day"<<endl;

cout <<"Enter a whole number between 1 and 365 : ";

cin >> number;

do{

Numbers n(number);

n.print();

cout<< "\n Enter another number: ";

cin >> number;

}while(number<365);

cout << "you entered an out of range number! " << endl;

return 0;

}

