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/*******************************************************************************
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        Date:           01/04/08
        Description:    To find the date of Easter Sunday given any year.
*******************************************************************************/

#include <iostream>
using namespace std;

int day, month, year, century, f;

int main()
{
// request imput
        cout << "Please imput date (dd mm yyyy):" << endl;
        cin >> day >> month >> year;

// make mathematical adjustments
                if (month == 1 or 2)
                {
                        (month = month + 10);
                        (year = year - 1);
                }
                else
                {
                        (month = month - 2);
                }
// display
        cout << day << "/" << month << "/" << year << endl;

// Adjustments and Zeller's Congruence
        century = year / 100;
        year = year % 100;

        f = ((2.6 * month - 0.2) + day + year + (year / 4) + (century / 4) + 5 *
century) % 7;
        switch (f)
        {
                case 0:
                        cout << "The day is a Sunday." << endl;
                                break;
                case 1:
                        cout << "The day is a Monday." << endl;
                                break;
                case 2:
                        cout << "The day is a Tuesday." << endl;
                                break;
                case 3:
                        cout << "The day is a Wednesday." << endl;
                                break;
                case 4:
                        cout << "The day is a Thursday." << endl;
                                break;
                case 5:
                        cout << "The day is a Friday." << endl;
                                break;
                case 6:
                        cout << "The day is a Saturday." << endl;
                                break;
        }
```

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return 0;
}
```