

```
#include <iostream>
#include <time.h>
using namespace std;

class age
{
private:
    int day;
    int month;
    int year;

public:
    age(): day(1), month(1), year(1) { }

    void get()
    {
        cout << endl;
        cout << "Enter the day(dd): ";
        cin >> day;
        cout << "Enter the month(mm): ";
        cin >> month;
        cout << "Enter the year(yyyy): ";
        cin >> year;
        cout << endl;
    }

    void set(int day, int month, int year)
    {
        this->day = day;
        this->month = month;
        this->year = year;
    }

    void print(age a1, age a2)
```

```

{
    if (a1.day > a2.day && a1.month > a2.month)
    {
        cout << "Your age is DD-MM-YYYY: " << "\t" << a1.day - a2.day
            << "-" << a1.month - a2.month << "-" << a1.year - a2.year << endl;
    }
    else if (a1.day < a2.day && a1.month > a2.month)
    {
        cout << "Your age is DD-MM-YYYY: " << "\t" << (a1.day + 30) - a2.day
            << "-" << (a1.month - 1) - a2.month << "-" << a1.year - a2.year << endl;
    }
    else if (a1.day > a2.day && a1.month < a2.month)
    {
        cout << "Your age is DD-MM-YYYY: " << "\t" << a1.day - a2.day
            << "-" << (a1.month + 12) - a2.month << "-" << (a1.year - 1) - a2.year <<
endl;
    }
    else if (a1.day < a2.day && a1.month < a2.month)
    {
        cout << "Your age is DD-MM-YYYY: " << "\t" << (a1.day + 30) - a2.day
            << "-" << (a1.month + 11) - a2.month << "-" << (a1.year - 1) - a2.year <<
endl;
    }
    else if (a1.year < a2.year)
    {
        cout << "You entered wrong date. plz enter the correct date." << endl;
    }
}
};

int main()
{
    age a1, a2, a3;

```

```
    time_t t = time(0); // get time now
    struct tm *now = localtime(&t);

    a1.set(now->tm_mday, (now->tm_mon + 1), (now->tm_year + 1900));

    cout << "Enter your DOB:" << endl;
    a2.get();

    a3.print(a1, a2);

    return 0;
}
```