package Final;

import java.util.ArrayList;  
  
public class date {  
  static ArrayList<String> name = new ArrayList<>();  
    static ArrayList<String> phno = new ArrayList<>();  
    static ArrayList<String> add = new ArrayList<>();  
    static ArrayList<String> checkin = new ArrayList<>();  
    static ArrayList<String> checkout = new ArrayList<>();  
    static ArrayList<String> room = new ArrayList<>();  
    static ArrayList<Integer> price = new ArrayList<>();  
    static ArrayList<Integer> rc = new ArrayList<>();  
    static ArrayList<Integer> p = new ArrayList<>();  
    static ArrayList<Integer> roomno = new ArrayList<>();  
    static ArrayList<Integer> custid = new ArrayList<>();  
    static ArrayList<Integer> day = new ArrayList<>();  
    static int i = 0;  
     public static void date(String[] c) {  
       int[] ci = new int[3];  
       ci[0] = Integer.parseInt(c[0]);  
       ci[1] = Integer.parseInt(c[1]);  
       ci[2] = Integer.parseInt(c[2]);  
       int[] co = new int[3];  
       co[0] = Integer.parseInt(c[0]);  
       co[1] = Integer.parseInt(c[1]);  
       co[2] = Integer.parseInt(c[2]);  
       if ((ci[2] >= 2023 && ci[2] <= 2100)&&(co[2] >= ci[2])) {  
           if ((ci[1] != 0 && ci[1] <= 12) &&(co[1] >= ci[1])) {  
               if ((ci[1] == 2 && ci[0] != 0 && ci[0] <= 31)&&(co[0] >= ci[0])) {  
                   if ((ci[2] % 4 == 0 && ci[0] <= 29)&&(co[2] % 4 == 0 && co[0] <= 29)) {  
                   } else if (ci[0] < 29) {  
                   } else {  
                       System.out.println("Please book room for future dates\n");  
                       name.remove(i);  
                       phno.remove(i);  
                       add.remove(i);  
                       checkin.remove(i);  
                       checkout.remove(i);  
                       Booking.booking();  
                   }  
               } else if (ci[1] <= 7 && ci[1] % 2 != 0 && ci[0] <= 31) {  
               } else if (ci[1] <= 7 && ci[1] % 2 == 0 && ci[0] <= 30 && ci[1] != 2) {  
               } else if (ci[1] >= 8 && ci[1] % 2 == 0 && ci[0] <= 31) {  
               } else if (ci[1] >= 8 && ci[1] % 2 != 0 && ci[0] <= 30) {  
               } else {  
                   System.out.println("Please book room for future dates\n");  
                   name.remove(i);  
                   phno.remove(i);  
                   add.remove(i);  
                   checkin.remove(i);  
                   checkout.remove(i);  
                   Booking.booking();  
               }  
           } else {  
               System.out.println("Please book room for future dates\n");  
               name.remove(i);  
               phno.remove(i);  
               add.remove(i);  
               checkin.remove(i);  
               checkout.remove(i);  
               Booking.booking();  
           }  
       } else {  
           System.out.println("Please book room for future dates\n");  
           name.remove(i);  
           phno.remove(i);  
           add.remove(i);  
           checkin.remove(i);  
           checkout.remove(i);  
           Booking.booking();  
       }  
   }  
  
}