

```

import java.util.*;
public class month {
    public static void main(String[] args) {
        Scanner o=new Scanner(System.in);
        int month=o.nextInt();
        int year=o.nextInt();

        if (month==1 ||month==3||month==5||month==7||month==8||month==10||month==12)
        {
            System.out.println(31);
        }
        else if (month==2)
        {
            if((year%400==0) || (year%4==0 && year%100!=0))
            {
                System.out.println(29);
            }
            else{
                System.out.println(28);
            }
        }
        else if( month==6 ||month==4||month==9||month==11){
            System.out.println(30);
        }
        else{
            System.out.println("invalid month number");
        }
    }
}

```