#include<stdio.h>

void main(){

int day,month,year,sum,leap;

printf("Please input year,month,day: ");

scanf("%d %d %d",&year,&month,&day);

switch(month){ //先计算某月以前月份的总天数

case 1:sum=0;break;

case 2:sum=31;break;

case 3:sum=59;break;

case 4:sum=90;break;

case 5:sum=120;break;

case 6:sum=151;break;

case 7:sum=181;break;

case 8:sum=212;break;

case 9:sum=243;break;

case 10:sum=273;break;

case 11:sum=304;break;

case 12:sum=334;break;

default:printf("data error");break;

}

sum=sum+day; //再加上某天的天数

if((year%4==0&&year%100!=0)||(year%400==0)) //判断是否是闰年

leap=1;

else

leap=0;

if(leap==1&&month>2) //如果是闰年且月份大于2,总天数应该加一天

sum++;

printf("It is the %dth day.\n",sum);

}