#include<stdio.h>

#include<string.h>

//244->leap 243->no leap

int date;

int main()

{

int year;

scanf("%d",&year);

char ans[10];

if(year == 1918)

{

date = 26;

}

else if(year>=1700 && year<1918)

{//julian

//%4==0

if(year%4==0)

{

date = 256 - 244;

}

else {

date = 256 - 243;

}

}

else{//gregorian

//%400==0 or (%4==0 and %400!=0)

if(year%400==0 || (year%4==0 && year%100!=0))

{

date = 256 - 244;

}

else {

date = 256 - 243;

}

}

// form ans

if(date > 10)

{

int a,b;

a = date/10;

b = date % 10;

ans[0] = a+48;

ans[1] = b+48; //ascii value of 0 ->48

}

else {

ans[0] = 0;

ans[1] = date+48;

}

ans[2] = '.';

ans[3] = '0';

ans[4] = '9';

ans[5] = '.';

//break year

ans[6] = year/1000 + 48;

ans[7] = ((year/100) - (year/1000)\*10) + 48 ;

ans[8] = (((year%100) - (year%10))/10) + 48;

ans[9] = (year%10) + 48;

printf("%s",ans);

}