#include <stdio.h>

int main()

{

int d,m,year;

printf("Enter date:");

scanf("%d",&d);

printf("Enter month:");

scanf("%d",&m);

printf("enter year");

scanf("%d",&year);

if((d>=1 && d<=31) && (m>=1 && m<=12) && (year>0))

{

if(year%400==0)

{

printf("%d is a leap year",year);

}

else if(year%100==0)

{

printf("%d is not aleep year",year);

}

else if(year%4==0)

{

printf("%d is a leap year",year);

}

else

printf("invalid");

return 0;

}

}