program test1

integer a,x,b,d

read(\*,\*)a

if(a>186) then

x=a-186

b=int(x/30)

m=b+6

d=mod(b,30)

if(d.EQ.0) then

d=30

else

m=m+1

endif

else

m=a/31

d=mod(a,31)

if(d.EQ.0) then

d=31

else

m=m+1

endif

endif

write(\*,\*)d,m

end