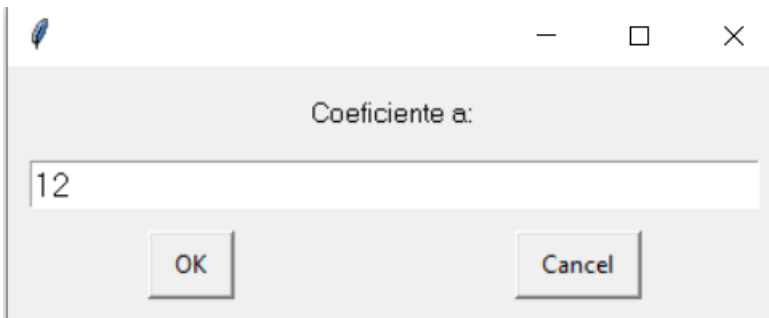
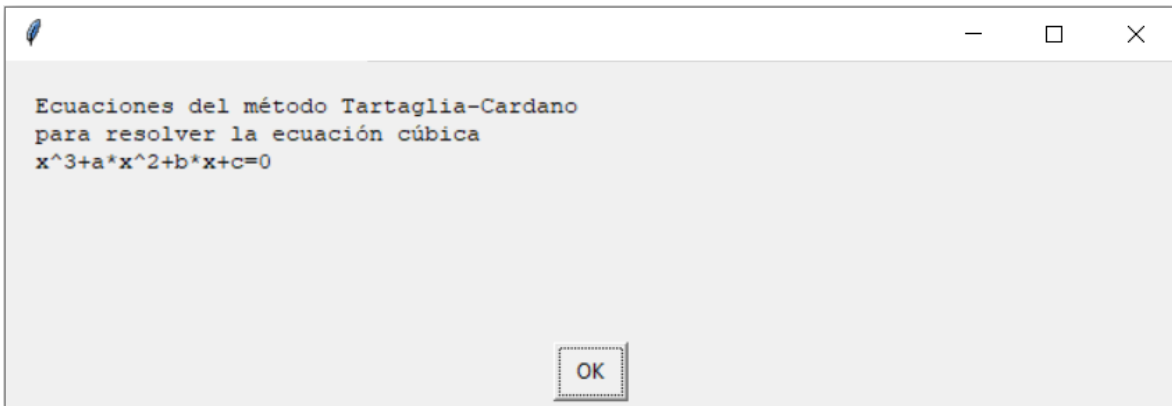
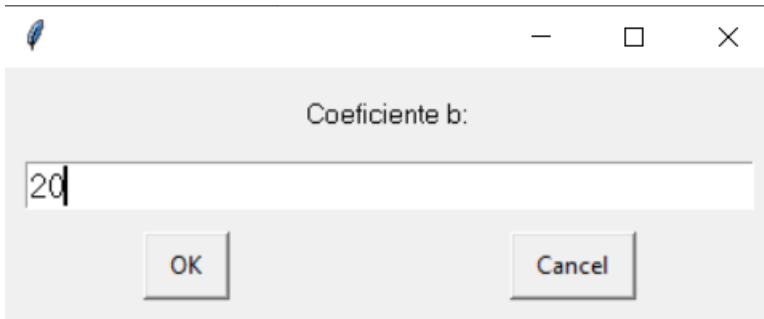


```
import cmath as m
import easygui as eg
#Programa para hallar las raíces de la ecuación cúbica
eg.msgbox("""Ecuaciones del método Tartaglia-Cardano
para resolver la ecuación cúbica
x^3+a*x^2+b*x+c=0""")
a=eval(eg.enterbox("Coeficiente a: "))
b=eval(eg.enterbox("Coeficiente b: "))
c=eval(eg.enterbox("Coeficiente c: "))
p=b-a**2/3
q=1/27*(2*a**3-9*a*b+27*c)
y0=2*m.sqrt(-p/3)*m.cos(1/3*m.acos(-q/2*m.sqrt(27/(-p**3))))
y1=2*m.sqrt(-p/3)*m.cos(1/3*m.acos(-q/2*m.sqrt(27/(-p**3)))+2*m.pi/3)
y2=2*m.sqrt(-p/3)*m.cos(1/3*m.acos(-q/2*m.sqrt(27/(-p**3)))+4*m.pi/3)
x1=y0-a/3
x2=y1-a/3
x3=y2-a/3
txt1="Raíces de la ecuación:\n"
txt2="x^3+"+str(a)+"x^2+"+str(b)+"x+"+str(c)+"=0\n\n"
txt3="x1="+str(x1)+"\n"
txt4="x2="+str(x2)+"\n"
txt5="x3="+str(x3)+"\n"
eg.msgbox(txt1+txt2+txt3+txt4+txt5,"Resultados","Terminar")
```

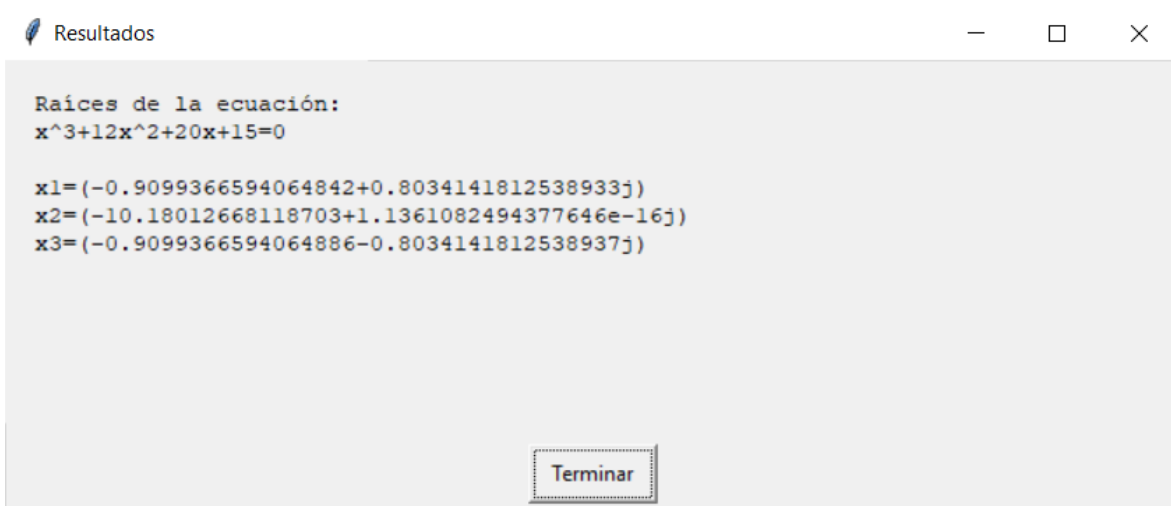




A dialog box titled "Coeficiente b:" with a text input field containing the value "20". Below the input field are two buttons: "OK" and "Cancel".



A dialog box titled "Coeficiente c:" with a text input field containing the value "15". Below the input field are two buttons: "OK" and "Cancel".



A window titled "Resultados" displaying the roots of a cubic equation. The text content is as follows:

```
Raíces de la ecuación:  
x^3+12x^2+20x+15=0  
  
x1=(-0.9099366594064842+0.8034141812538933j)  
x2=(-10.18012668118703+1.1361082494377646e-16j)  
x3=(-0.9099366594064886-0.8034141812538937j)
```

At the bottom center of the window is a button labeled "Terminar".