

```
import tkinter as tk

def compute():
    h = float(e1.get())
    b = float(e2.get())
    n = int(e3.get())
    d = h
    for _ in range(n):
        h *= b
        d += 2 * h
    out.delete(0, tk.END)
    out.insert(0, round(d, 2))

e1 = tk.Entry()
e1.pack()
e2 = tk.Entry()
e2.pack()
e3 = tk.Entry()
e3.pack()
out = tk.Entry()
out.pack()
tk.Button(text="Compute", command=compute).pack()

tk.mainloop()
```