Challenge - Slope Calculator

The object of this challenge is to practice adding event bindings to a Tkinter program.

Mild 🌶️

Create a program that satisfies the following requirements:

- There is a labeled input field for the change in x of a slope
- There is a labeled input field for the change in y of a slope
- There is a function that uses the change in x and y to calculate the slope
- A button to call the function
- A label to display the slope of the line

Medium 🌶️ 🌶️

Create a program that satisfies the following requirements:

- There is a labeled input field for $x1$
- There is a labeled input field for $y1$
- There is a labeled input field for $x2$
- There is a labeled input field for $y2$
- There is a function that uses ($x1$, $y1$) and ($x2$, $y2$) to calculate the slope of the line
- A button to call the function
- A label to display the slope of the line

Spicy 🌶️ 🌶️ 🌶️

Create a program that satisfies the following requirements:

- There is a labeled input field for $x1$
- There is a labeled input field for $y1$
- There is a labeled input field for $x2$
- There is a labeled input field for $y2$
- There is a function that uses ($x1$, $y1$) and ($x2$, $y2$) to calculate the y-intercept (b) of the line using the formula $y = mx + b$
- A button to call the function
- A label to display the y-intercept (b)
- Pressing `Enter` in either input field triggers the same calculation as the button