

Challenge - Triangle 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 **base** length of a triangle
- There is a labeled input field for the **height** of a triangle
- There is a function that uses **base** and **height** as parameters and returns the **area** of a triangle
- A button to call the function
- A label to display the calculated triangle **area**

Medium 🌶️🌶️

Create a program that satisfies the following requirements:

- There is a labeled input field for the **base** length of a triangle
- There is a labeled input field for the **height** of a triangle
- There is a combobox to select units
- There is a function that uses **base** and **height** as parameters and returns the **area** of a triangle
- A button to call the function
- A label to display the calculated triangle **area** with units

Spicy 🌶️🌶️🌶️

Create a program that satisfies the following requirements:

- There is a labeled input field for the **base** length of a triangle
- There is a labeled input field for the **height** of a triangle
- There is a combobox to select units
- There is a function that uses **base** and **height** as parameters and returns the **area** of a triangle
- A button to call the function
- A label to display the calculated triangle **area** with units
- Pressing **Enter** in either input field triggers the same calculation as the button