

Challenge - Debug Type Errors

The object of this challenge is to practice identifying and debugging type errors.

Mild 🌶️

Copy and run the following code.

```
def rectangular_prism_volume(length, width, height):  
    return length * width * height  
  
length = 5  
width = "4"  
height = 3  
  
volume = rectangular_prism_volume(length, width, height)  
print(volume)
```

Debug the code so it still maintains functionality, but does not raise errors.

Medium 🌶️ 🌶️

Copy and run the following code.

```
def rectangular_prism_surface_area(length, width, height):  
    lw = length * width  
    lh = length * height  
    wh = width * height  
    return 2 * (lw + lh + wh)  
  
length = "10"  
width = 4  
height = "2"  
  
area = rectangular_prism_surface_area(length, width, height)  
total = area + " cm^2"  
print(total)
```

Debug the code so it still maintains functionality, but does not raise errors.

Spicy 🌶️ 🌶️ 🌶️

Copy and run the following code.

```
def shipping_cost(weight, rate):  
    return weight * rate  
  
box_length = "30"  
box_width = 20  
box_height = "10"  
  
volume = box_length * box_width * box_height  
  
density = 0.5  
mass = volume * density  
  
cost = shipping_cost(mass, "1.25")  
final_cost = cost + 10  
print(final_cost)
```

Debug the code so it still maintains functionality, but does not raise errors.