

Luigi's Pizza - Practice

Luigi's code has some new elements we haven't seen before, so let's experiment a bit to figure out how it works! **Open the "Luigi's Pizza" Starter File, click "Run", and try using the `cost` function in the Interactions window.**

1. What does `(cost "cheese")` evaluate to? _____
2. What does `(cost "chicken")` evaluate to? _____
3. What if you ask for `(cost "sausage")`? _____
4. Explain what the function is doing in your own words.

5. What is the function's name? _____ Domain? _____ Range? _____

6. What is the name of its variable? _____

7. Luigi says pepperoni has gone up to \$11. Change the `cost` function to reflect this.

8. Try adding toppings of your own. What's your favorite?

9. For an unknown topping, the function produces a String ("That's not on the menu!")

Is this a problem? Why or why not?

10. Draw two Circles of Evaluation, one for `(cost "cheese")` & one for `(cost "olive")`